

LOAN DOCUMENT

<p style="font-size: 2em; font-weight: bold;">AD-A243 769</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">DTIC ACCESSION NUMBER</p>	<p>PHOTOGRAPH THIS SHEET</p> <div style="border: 1px solid black; width: 100px; height: 80px; margin: 0 auto;"></div> <p style="text-align: center;">LEVEL</p>	<div style="border: 1px solid black; width: 100px; height: 80px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; font-size: 2em;">1</div> </div> <p style="text-align: center;">INVENTORY</p>																				
	<p style="font-size: 1.2em;">USAFETAC/DS 9/1/42</p> <p style="font-size: 0.8em;">DOCUMENT IDENTIFICATION</p> <p style="font-size: 1.2em;">mar 85</p>																						
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<p style="font-size: 0.8em;">DISTRIBUTION STATEMENT</p>																							
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<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p style="font-size: 1.5em;">91 10 31 090</p> </div> <p style="text-align: center; font-size: 0.8em;">DATE RECEIVED IN DTIC</p>		<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p style="font-size: 1.5em;">91-14719</p> </div> <p style="text-align: center; font-size: 0.8em;">REGISTERED OR CERTIFIED NUMBER</p>																					
<p style="font-size: 0.8em;">PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-FDAC</p>																							

HANDLE WITH CARE

AD-A243 769



UNCLASSIFIED
1 JUL 84
DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

KENNEDY SPACE CENTER FL MSC #747945
N 28 37 W 080 41 ELEV 9 FT X68

PARTS A-E-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:

HOURLY OBSERVATIONS: MAR 78 - FEB 84

SUMMARY OF DAY DATA: NONE

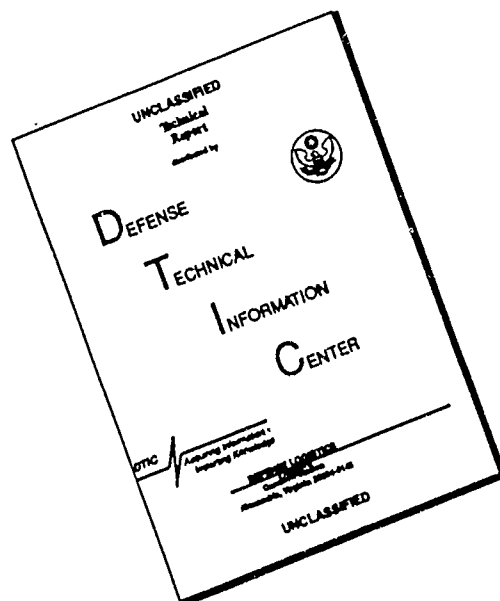
TIME CONVERSION GMT TO LST: -5

FEDERAL BUILDING
ASHEVILLE, N. C.

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7-4-79

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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-91/142, Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Kennedy Space Center, Florida, has been reviewed and is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific and Technical Information
Program Manager

REPORT DOCUMENTATION PAGE

2. Report Date: Mar 1985
3. Report Type and Dates Covered: Data Summary (RUSSWO) Mar 78-Feb 84
4. Title: Revised Uniform Summary of Surface Weather Observations for Kennedy Space Center, Florida, MSC 747945
7. Performing Organization Name and Address: Operating Location A, USAF Environmental Technical Applications Center (OL-A, USAFETAC), Federal Building, Asheville, NC 28801-2723
8. Performing Organization Report Number: USAFETAC/DS--91/142
12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.
13. Abstract: A Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Kenedy Space Center, Florida. See USAFETAC/TN-83/001 (AD-132186) for a complete decription of the RUSSWO and its contents, as well as instructions for use.
14. Subject Terms: CLIMATOLOGY, WEATHER, WEATHER STATIONS, WEATHER OBSERVATIONS, STATISTICS, METEOROLOGICAL PHENOMENA, ATMOSPHERIC PHENOMENA, ATMOSPHERIC PRESSURE, PRECIPITATION, VISIBILITY, WIND, CLOUD, CLOUD CEILING, SKY COVER, PSYCHROMETRIC DATA, TEMPERATURE, RELATIVE HUMIDITY, SPACE, SPACE CENTER, KENNEDY, FLORIDA
15. Number of Pages: 404
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Formulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PART B PRECIPITATION

DATA NOT AVAILABLE

PSYCHROMETRIC-DRY VS WET BULB

SNOWFALL

DATA NOT AVAILABLE

MEAN & STD DEV -

(DRY BULB, WET BULB, & DEW POINT)

SNOW DEPTH - DATA NOT AVAILABLE

RELATIVE HUMIDITY

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

PART F STATION PRESSURE

SKYCOVER

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CALL SIGN		WHO NUMBER	
747945		KSC Shuttle Apt Florida		N 28 37		W 080 41		9		X68			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT. BARO.					
1.	KSC Shuttle Apt, FL	AFS	Mar 78	Aug 80	N 28 35	W 080 41	9	16 ft	24				
2.	Same	Same	Aug 80	Mar 81	N 28 37	W 080 41	9	13 ft	24				
3.	Same	Same	Apr 81	Jan 84	Same	Same	9	13 ft	24				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Mar 78	1. Located atop 10 meter towers, nearly equidistant along, and 150 east of Shuttle Runway centerline	Climat 0125	E 1102 S Esterline Angus	33 ft	
		2. Located 140 ft SW of observing tower. (Backup)	AN/GMQL1	RO-2	Unkn	
2.	Jan 84	1. Same	Same	Same	Unkn	
		2. Same	Same	Same	Unkn	

USAFETAC FORM NOV 73 0-19 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

84 June 84

PRODUCT *Wm. Graham* *Pharm.*

H. M. Fountain - 4th Jun 84

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

747945 KENNEDY SPACE CENTER FL 70-84 JAN MONTH
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.2	3.2				3.5	12.7	.2			12.0	558
	3-05	.2	5.2				5.9	14.9				14.9	558
	6-08		4.7				4.7	21.5	.5			21.5	558
	09-11	.4	4.1				4.1	12.7	1.6			13.1	558
	12-14	.2	4.7				4.7	5.2	1.8			6.8	558
	15-17	.4	3.4				3.4	6.3	2.7			8.1	558
	18-20	.5	2.9				2.9	5.6	3.4			6.6	558
	21-23	.4	3.6				3.6	7.1	.9			7.0	558
TOTALS		.3	4.1				4.1	10.7	1.4			11.3	4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747045 STATION

KENNEDY SPACE CENTER FL

72-84

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01-00		5.0				5.0	4.3	.8			5.1	510
	03-05	.2	4.1				4.1	7.1	1.1			7.6	510
	06-09	.4	6.1				6.1	15.9	1.2			16.5	510
	10-11	.6	7.3				7.3	9.8	1.2			10.2	510
	12-14	1.6	7.3				7.3	3.7	.6			3.9	510
	15-17	.8	6.0				6.0	2.7	.6			2.0	510
	18-20	1.2	6.3				6.3	3.5	3.1			5.7	508
	21-23	.8	7.1				7.1	2.2	2.5			3.7	507
TOTALS		.7	6.6				6.6	6.1	1.3			6.8	4075

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747945 KENNEDY SPACE CENTER FL 79-83 MAR MONTH
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.1	4.5				4.5	2.4	1.3			3.7	465
	03-05	1.1	4.1				4.1	6.0	1.3			6.7	465
	06-08	.4	3.7				3.7	15.3	4.9			17.0	465
	09-11		2.6				2.6	3.4	3.4			5.8	465
	12-14		4.7				4.7	.6	1.7			2.4	465
	15-17	.9	5.3				5.3	1.1	1.5			2.6	465
	18-20	.4	5.4				5.4	2.8	.9			3.4	465
	21-23		3.7				3.7	1.7	.9			2.6	465
TOTALS		.5	4.3				4.3	4.2	2.1			5.5	3720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747945 KENNEDY SPACE CENTER FL 78-83 APR MONTH

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.3	2.8				2.3	2.2				2.2	540
	03-05	.6	2.7				2.0	3.5				3.5	540
	06-08	.2	5.3				3.3	9.1	2.4			9.6	540
	09-11	.9	2.2				2.3	.7	2.6			3.0	540
	12-14	2.2	3.0				3.0	.9	.4			1.3	540
	15-17	2.8	4.8				4.8	1.3	.2			1.5	540
	18-20	2.4	3.3				3.3	.6	.4			.9	540
	21-23	1.3	3.0				3.0	.4				.4	540
TOTALS		1.5	3.1				3.1	2.3	.8			2.8	4320

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747945 KENNEDY SPACE CENTER FL 78-87 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.5	2.3				2.3		.2			.2	558
	03-05	.2	1.3				1.3	2.5	.7			2.5	558
	06-08	.5	3.1				3.0	9.1	3.9			10.8	558
	09-11	1.3	2.9				2.9	1.1	3.0			3.9	558
	12-14	6.5	5.4				5.4	.4	1.1			1.4	558
	15-17	0.6	6.1				6.1	.4	1.6			2.0	558
	18-20	5.2	4.1				4.1	.9	2.2			2.9	558
	21-23	1.1	2.5				2.5	.9	.5			1.4	558
TOTALS		2.7	3.5				3.5	1.9	1.7			3.1	4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747945

KENNEDY SPACE CENTER FL

73-83

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-01	.7	3.7				3.0	.9	.7			1.5	540
	02-05	.7	3.5				3.5	6.1	2.0			6.9	540
	06-08		2.8				2.3	5.9	5.7			9.4	540
	09-11	.7	2.0				2.0	.6	2.0			2.6	540
	12-14	5.2	3.7				3.7		2.2			2.2	540
	15-17	13.3	7.4				7.4		1.9			1.9	540
	18-20	8.1	3.1				8.1	.4	1.1			1.5	540
	21-23	4.6	5.4				5.4	.2	1.5			1.5	540
TOTALS		4.2	4.5				4.5	1.8	2.1			3.4	4320

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747945 KENNEDY SPACE CENTER FL 73-83 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.3	1.1				1.1		1.6			1.6	558
	03-05	.4	.2				.2	1.8	3.4			3.6	558
	06-08	1.4	1.6				1.6	5.6	11.1			12.2	558
	09-11	2.0	1.3				1.3	1.3	6.8			6.8	558
	12-14	13.8	4.7				4.7	.9	6.8			6.8	558
	15-17	18.6	9.5				9.5	.7	6.3			6.6	558
	18-20	10.2	8.1				8.1	1.6	7.7			9.1	558
	21-23	3.6	2.5				2.5		3.6			3.6	558
TOTALS		6.4	3.6				3.6	1.5	5.9			6.3	4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

WEATHER CONDITIONS

747045

KENNEDY SPACE CENTER FL

73-87

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.1	2.7				2.7	1.3	1.1			2.3	558
	03-05	1.4	1.3				1.8	3.0	1.3			4.3	558
	06-08	.4	1.4				1.4	5.9	1.4			6.3	558
	09-11	1.8	2.2				2.2	.4	1.6			1.6	558
	12-14	3.1	6.6				6.6		1.1			1.1	558
	15-17	16.8	9.9				9.9	1.3	1.6			2.9	558
	18-20	7.5	7.3				7.3	1.6	3.1			4.7	558
	21-23	1.1	3.2				3.2	.9	1.6			2.5	558
TOTALS		4.3	4.4				4.4	1.8	1.6			3.2	4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A10 WEATHER SERVICE/MAC

WEATHER CONDITIONS

747945 STATION

KENNEDY SPACE CENTER FL

79-87

SEP MONTH

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	2.2	2.0				2.0	1.3	.2			1.5	540
	03-05	2.2	3.7				3.7	2.8	1.1			3.9	540
	06-08	1.7	4.1				4.1	6.1	2.4			7.2	540
	09-11	2.8	4.4				4.4	1.7	2.6			2.6	540
	12-14	4.4	5.2				5.2	.7	1.7			1.7	540
	15-17	8.9	9.1				9.1	.4	1.9			2.0	540
	18-20	5.6	8.3				8.3		1.9			1.9	540
	21-23	2.0	5.7				5.7	.2				.2	540
TOTALS		3.6	5.3				5.3	1.7	1.5			2.6	4320

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

707945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

70-87
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	1-1	2.2	3.0				3.3	1.3				1.3	558
	2-11	.4	1.3				1.3	2.3				2.3	558
	12-23	.5	2.5				2.5	6.6				6.6	558
	24-11	.4	2.3				2.5	.5	.5			.9	558
	12-14	.4	3.4				3.4						558
	15-17	.4	3.4				3.4						558
	18-2	1.3	3.6				3.6		.7			.7	558
	3-23	.7	4.1				4.1	.2				.2	558
TOTALS		.8	3.1				3.1	1.4	.2			1.5	4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747945

KENNEDY SPACE CENTER FL

74-82

NOV
MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	0-1		3.7				3.7	3.9	1.1			5.0	540
	2-5	.2	2.6				2.6	7.2				7.2	540
	6-9	.2	2.4				2.0	10.9	.4			12.9	540
	9-11	.6	2.6				2.6	3.1	.4			3.5	540
	12-14	.6	3.9				3.9		1.3			1.3	540
	15-17	.7	4.3				4.3	.7	2.2			3.0	540
	18-20	.7	4.4				4.4	1.1	2.0			3.1	540
	21-23	.6	5.6				5.6	1.7	.9			2.6	540
TOTALS		.5	3.5				3.6	3.6	1.0			4.6	4320

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

WEATHER CONDITIONS

747945 KENNEDY SPACE CENTER FL 74-93 DEC MONTH

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	1-02		5.0				5.0	7.5				7.5	558
	3-05	.5	5.2				5.2	13.1				13.1	558
	5-08	.2	6.3				6.3	16.7	.2			16.7	558
	7-11		5.0				5.0	13.6	.7			13.8	558
	9-14	.7	3.0				3.2	2.0	1.3			3.0	558
	11-17	1.4	7.2				7.2	2.5	.5			2.9	558
	13-20	.0	7.0				7.0	5.9	.7			6.1	558
	15-23	.4	6.6				6.6	5.9	.5			5.9	558
TOTALS		.5	5.7				5.7	8.0	.5			8.3	4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

WEATHER CONDITIONS

747945

KENNEDY SPACE CENTER FL

78-89

ALL
MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.3	4.1				4.1	10.7	1.4			11.3	4464
FEB		.7	6.6				6.6	6.1	1.3			6.8	4075
MAR		.5	4.2				4.3	4.2	2.0			5.5	3720
APR		1.5	3.1				2.1	2.3	.8			2.8	4320
MAY		2.7	3.5				3.5	1.9	1.7			3.1	4464
JUN		4.2	4.5				4.5	1.8	2.1			3.4	4320
JUL		6.4	3.6				3.6	1.5	5.9			6.3	4464
AUG		4.8	4.4				4.4	1.8	1.6			3.2	4464
SEP		3.6	5.2				5.3	1.7	1.5			2.6	4320
OCT		.8	3.1				3.1	1.4	.2			1.5	4464
NOV		.5	3.6				3.6	3.6	1.1			4.6	4320
DEC		.5	5.7				5.7	8.3	.5			8.3	4464
TOTALS		2.2	4.3				4.3	3.8	1.7			5.0	51859

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 70-84 YEARS JAN MONTH

ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.7	5.4	2.5	.1							13.0	7.7
NNE	.7	1.3	1.5	.7	.5							4.3	7.0
NE	.4	.6	.5	.2								1.8	6.0
ENE	.5	.9	.5	.3								2.3	6.2
E	.5	2.0	1.5	.4								4.4	6.6
ESE	.6	1.1	1.1	.3	.2							3.2	7.0
SE	.4	1.0	.8	.4	.0							3.0	6.6
SSE	.4	1.0	.9	.9	.2							3.8	8.1
S	1.8	1.7	1.3	1.7	.4	.1						6.3	8.0
SSW	.9	1.2	1.5	.7	.1							4.3	7.1
SW	.4	.8	1.5	.5	.0							3.2	7.5
WSW	.7	1.1	.9	.4	.2							3.3	7.1
W	2.3	2.7	2.3	1.7	.3	.2						9.7	7.7
WNW	1.0	2.8	2.6	1.5	.3							8.8	7.3
NW	2.2	3.3	3.4	1.6	.2							10.7	6.9
NNW	1.4	3.2	4.7	3.6	.4							12.5	8.3
VARBL													
CALM												5.4	
	16.7	29.2	29.5	17.0	2.4	.4	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747943
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84

YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	4.4	3.5	.3							12.4	8.7
NNE	.7	1.0	2.7	1.0	.2							6.2	7.7
NE	.6	1.5	1.4	.5								4.0	6.7
ENE	.6	1.0	1.1	.5	.1		.0					4.2	7.8
E	.5	2.0	2.4	1.8	.1							7.9	7.7
ESE	.5	1.1	1.3	.9	.1							4.0	7.7
SE	.4	1.3	1.6	1.0	.2							4.4	8.4
SSE	.4	1.2	2.0	2.2	.4							6.2	9.9
S	.8	1.8	1.4	1.4	.1							5.6	7.7
SSW	.7	.7	1.3	.9	.1							3.7	8.0
SW	.4	1.3	1.2	.9								3.7	7.7
WSW	.5	1.5	1.5	.8	.1							4.6	8.0
W	.2	2.4	2.4	2.3	.3							9.4	9.4
WNW	.9	1.9	1.8	1.3	.4							6.3	8.4
NW	.8	1.0	2.3	2.3	.1							8.5	7.8
NNW	.6	2.3	2.3	1.6	.2							7.0	8.1
VARBL													
CALM												1.7	
	11.5	28.5	31.2	23.2	3.2	.5	.0					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

4075

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 70-87 YEARS MAD MONTH

ALL WEATHER CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	1.5	2.8	2.6								7.8	8.5
NNE	0.0	1.0	2.1	2.7								4.8	7.0
NE	0.0	1.0	1.5	0.0								3.0	6.6
ENE	0.0	1.2	1.3	1.7								4.9	8.6
E	0.7	2.0	2.8	0.9								6.9	7.2
ESE	0.0	1.3	2.6	1.0	.1							5.5	8.1
SE	0.0	1.3	2.4	1.0	.4	.1						7.2	8.9
SSE	0.7	1.3	2.4	3.7	0.0	.2						9.0	10.6
S	1.1	1.0	2.0	2.0	.3	.1						7.6	8.9
SSW	0.2	1.0	1.6	1.0	.2	.1						5.6	8.8
SW	0.0	1.2	1.6	1.4	.2	.2						4.9	9.3
WSW	0.7	1.0	2.1	1.2	.5	.2						5.6	9.4
W	1.7	2.7	2.8	2.5	1.1	.3	.0					10.7	9.6
WNW	0.8	1.2	1.4	1.0	.4	.3	.0					5.3	9.5
NW	0.0	1.1	1.4	1.5	.3	.1						5.1	8.7
NNW	0.9	1.3	1.3	1.0	.1							4.3	7.5
VARBL													
CALM												1.0	
	12.1	23.5	32.7	25.3	4.7	1.3	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 3720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

757945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	1.7	2.7								6.1	8.0
NNE	.8	1.3	2.4	1.3								5.6	8.0
NE	1.1	1.5	1.5	1.7	.1							5.2	7.1
ENE	.6	1.2	1.7	.8	.7							4.3	7.6
E	1.4	3.1	3.6	1.8								9.8	7.3
ESE	.7	2.2	3.4	2.1	.7							8.5	8.1
SE	1.7	2.1	4.1	2.6	.2							10.0	8.4
SSE	.7	2.2	2.5	3.3	.5	.7						9.2	9.5
S	1.2	2.5	2.7	1.9	.5							8.2	8.2
SSW	.8	.8	1.1	1.2	.7							3.8	8.3
SW	.9	1.1	1.5	1.2	.1							4.3	8.5
WSW	.4	1.1	2.2	1.2	.2							5.2	8.5
W	1.3	2.6	1.9	1.5	.4	.7						7.4	8.0
WNW	.7	1.1	1.2	.5	.1							3.7	7.1
NW	.6	.7	1.4	.4	.7							3.1	7.2
NNW	.7	1.1	1.7	.8	.7							3.6	7.3
VARBL													
CALM												2.0	
	12.8	25.8	33.3	23.8	2.2	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

4320

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

707945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

75-83

YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	1.2	1.1	.2							4.5	9.1
NNE	.5	.6	1.4	1.3	.2							4.2	8.5
NE	1.1	1.4	2.1	.7	.1							5.1	6.8
ENE	.7	1.6	3.3	.9								6.7	7.4
E	2.4	4.9	5.4	1.9	.1							14.2	6.7
ESE	1.3	3.1	4.5	1.6								10.8	7.2
SE	1.2	3.1	4.9	2.4	.1							11.6	7.8
SSE	1.4	2.2	2.2	2.1	.1							8.6	7.7
S	1.7	3.2	2.7	1.2	.1							9.0	6.7
SSW	.8	1.2	2.7	1.1	.1							5.2	7.7
SW	.2	.8	1.3	.5								3.0	7.9
WSW	.4	1.2	1.2	.4								3.3	7.0
W	.1	2.1	1.9	1.7	.1							5.9	7.1
WNW	.5	.3	.9	.6	.1							2.7	7.3
NW	.4	.6	.8	.1								2.0	5.9
NNW	.5	.4	.4	.1								1.4	5.5
VARBL													
CALM												2.4	
	14.9	28.2	37.1	15.5	.8							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/UAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

78-83

YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	2.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.6	5.6
NNE	1.1	1.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	5.2	7.5
NE	1.2	1.2	1.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	4.8	7.6
ENE	1.1	1.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	6.0	7.4
E	1.1	2.1	5.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.4	7.1
ESE	1.1	2.1	3.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	8.0	7.0
SE	1.1	3.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	8.2	6.8
SSE	1.1	2.1	2.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	8.4	6.9
S	1.1	4.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2	5.6
SSW	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	6.3	6.2
SW	1.1	2.1	2.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	6.6	6.6
WSW	1.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	6.7	6.4
W	1.1	2.6	1.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	6.0	5.9
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.0	4.9
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.8	4.3
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.7	4.1
VARBL	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.1	
CALM	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

4320

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 78-83 YEARS JULY MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.6	.4	.1								2.2	4.3
NNE	.7	.7	.7	.1								2.3	5.5
NE	.6	.7	.9	.2								2.4	6.3
ENE	.9	.9	1.7	.5								4.0	6.7
E	1.6	3.2	4.4	1.1	.7							10.4	6.9
ESE	1.1	2.0	3.9	1.2								9.0	7.0
SE	1.3	3.9	3.7	1.1								9.9	6.6
SSE	1.7	2.7	2.1	.9	.7							7.6	6.3
S	3.2	5.4	2.8	.5	.7							11.9	5.3
SSW	1.2	3.5	3.7	.2	.7							8.0	6.0
SW	1.7	2.3	2.7	.7								7.1	6.6
WSW	1.1	3.4	3.7	.6	.7							8.9	6.6
W	2.7	3.4	2.2	.6	.7							8.3	5.9
WNW	1.7	1.9	.4	.2								2.6	5.2
NW	.9	.9	.6	.7								1.7	4.5
NNW	1.3	.4	.2	.1	.7							2.1	4.5
VARBL													
CALM												1.7	
	20.6	36.2	33.2	8.7	.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.1	1.5	.2								3.2	4.5
NNE	1.0	1.2	1.4	.4								4.0	6.1
NE	1.1	2.1	1.6	.3								5.0	5.8
ENE	2.0	2.3	2.6	.9								7.8	6.2
E	3.8	4.4	4.3	.8								13.4	5.7
ESE	2.0	3.2	3.4	1.4	.1							10.0	6.7
SE	1.9	3.1	2.9	.6								8.6	6.1
SSE	1.8	2.5	1.1	.2								5.6	4.9
S	2.6	3.1	1.1	.2	.1							6.9	4.7
SSW	1.2	2.0	1.3	.6								5.8	5.9
SW	.9	2.2	1.3	.4								4.7	5.9
WSW	1.3	2.4	1.7	.1								4.8	4.9
W	1.7	2.1	.7	.3	.1							4.7	4.9
WNW	1.7	.6	.3	.1								2.2	4.0
NW	1.2	.6	.3	.1								2.1	3.8
NNW	1.1	.5	.1	.1								1.8	3.5
VARBL													
CALM												9.5	
	26.5	33.8	23.7	6.4	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 72-83 YEARS SEP MONTH 01 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	2.1	2.2	.9								7.5	5.9
NNE	1.3	2.4	2.1	.6								6.5	6.2
NE	1.3	2.7	3.3	1.1	.1							8.6	7.0
ENE	1.7	2.8	3.7	1.4	.1		.1	.0				9.8	7.4
E	3.3	6.1	5.0	1.1	.1	.1	.0					15.9	6.1
ESE	1.2	2.2	2.1	.4								5.9	6.1
SE	1.3	2.2	1.3	.2								4.8	5.6
SSE	1.7	1.3	1.1	.5								3.9	6.3
S	2.1	2.2	1.5	.6	.1							6.3	5.6
SSW	.3	1.3	1.4	.6	.2	.1	.1					4.3	6.7
SW	.4	.9	1.7	.3	.2	.1						2.9	8.5
WSW	.9	1.1	.3	.7								2.6	5.6
W	1.4	1.2	.3	.1								3.0	4.4
WNW	.2	.3	.3	.7								2.2	3.7
NW	1.5	1.7	.3	.7								3.2	4.0
NNW	1.3	1.4	.5	.2								3.3	4.8
VARBL												9.5	
CALM												100.0	5.5
	27.7	31.9	26.1	8.2	5.5	2.2	2.2	.1					

TOTAL NUMBER OF OBSERVATIONS

4320

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 72-83 YEARS OCT MONTH

ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	3.7	1.7	.2	.0						8.8	7.2
NNE	1.7	7.7	3.3	1.8	.2							10.0	7.3
NE	1.4	4.2	4.7	2.4	.2							12.1	7.5
ENE	1.7	3.5	4.5	3.1	.7							12.1	8.0
E	2.2	5.6	5.7	2.1	.1							15.1	7.0
ESE	.6	1.5	1.2	.7								4.1	6.8
SE	.6	1.3	.9	.5								3.3	6.6
SSE	1.1	1.2	.5	.7								3.0	5.4
S	.7	.9	.3	.1								2.1	4.8
SSW	.4	.4	.4	.1								1.3	5.9
SW	.8	.7	.5	.1								2.1	4.7
WSW	.7	1.2	.8	.7								2.7	5.2
W	1.1	1.7	.7	.7								3.4	4.9
WNW	1.3	1.6	1.7	.2								4.0	5.1
NW	1.2	1.9	1.7	.5	.7							4.6	5.9
NNW	1.1	1.8	1.7	.4	.7							4.3	5.8
VARBL													
CALM												6.9	
	16.9	33.1	28.8	13.6	.6	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747045 STATION KENNEDY SPACE CENTER FL 75-82 YEARS NOV MONTH

ALL WEATHER CLASS HOURS (L.S.T.) ALL

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.0	3.6	3.2	.1							12.5	7.6
NNE	.1	2.4	2.5	1.5	.1							7.7	7.4
NE	.0	2.2	1.0	.9	.1							5.9	6.5
ENE	.9	2.1	2.5	1.4	.1							7.5	7.1
E	1.7	2.9	2.5	.8								8.0	6.2
ESE	.9	2.1	1.7	.4								5.1	6.2
SE	.7	1.6	1.6	.6	.1							4.5	6.8
SSE	.6	2.1	1.5	1.1								5.3	7.1
S	1.1	1.0	1.2	.6	.1							4.8	6.1
SSW	.4	1.1	.9	.4								2.7	6.1
SW	.3	.5	.6	.2								1.7	6.5
WSW	.6	1.1	.7	.2								2.5	5.8
W	1.4	1.6	1.3	.4	.1							4.6	5.8
WNW	1.7	2.2	1.7	.7								6.0	5.9
NW	2.1	2.0	2.6	1.3	.1							8.9	6.5
NNW	1.3	2.3	1.8	1.4	.1							7.5	6.9
VARBL													
CALM												5.3	
	17.4	33.5	28.2	15.1	.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 4320

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 73-82 YEARS DEC MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.5	3.8	2.7	.7							11.2	7.6
NNE	.5	1.4	1.3	.7	.7							4.1	7.2
NE	.9	1.2	1.7	.6								3.6	6.5
ENE	.3	1.7	1.7	.6	.1							4.1	6.6
E	1.2	2.4	2.2	1.2	.1							7.1	7.1
ESE	.9	1.3	1.6	.8								5.1	6.8
SE	.6	1.2	1.5	.6								4.6	6.8
SSE	.5	1.3	1.6	.9								5.0	7.4
S	1.3	1.3	2.6	1.6	.7							7.3	7.7
SSW	.7	1.2	1.3	1.1	.1							4.5	7.9
SW	.3	1.4	1.1	.4	.1							3.8	6.3
WSW	.9	1.7	.8	.2	.7							2.9	5.8
W	1.7	2.2	1.4	.3	.3							6.5	6.8
WNW	1.4	1.7	1.9	1.7	.0							6.0	6.8
NW	1.9	2.3	2.2	2.6	.2							9.6	7.7
NNW	1.7	2.9	3.3	2.4	.3							9.9	8.3
VARBL													
CALM												4.7	
	16.6	37.9	28.4	18.1	1.3	.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/LAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

747945 STATION KENNEDY SPACE CENTER FL 72-24 YEARS ALL MONTH

ALL WEATHERS CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.1	2.5	1.7	.1	.1						7.7	7.8
NNE	.9	1.9	1.9	.9	.1							5.4	7.2
NE	.9	1.7	1.8	.8	.1							5.2	6.9
ENE	1.9	1.9	2.2	1.1	.7	.7	.9	.9				6.1	7.4
E	1.9	3.9	3.9	1.2	.9	.9	.9					10.4	6.7
ESE	1.7	2.1	2.9	1.9	.9							6.6	7.1
SE	.9	2.9	2.4	1.1	.1	.9						6.7	7.2
SSE	1.7	1.9	1.9	1.4	.2	.7						6.3	7.7
S	1.7	2.9	1.7	1.9	.1	.9	.9					7.2	6.6
SSW	.9	1.9	1.9	.7	.1	.7						4.6	7.1
SW	.9	1.9	1.4	.6	.9	.9	.9					4.9	7.2
WSW	.7	1.9	1.4	.9	.1	.7		.9				4.4	6.8
W	1.4	2.9	1.6	.9	.2	.1	.9					6.6	7.1
WNW	1.2	1.4	1.1	.6	.1	.9	.9					4.4	6.7
NW	1.2	1.6	1.3	.9	.1	.9						5.1	6.7
NNW	1.9	1.9	1.3	1.7	.1							5.2	7.1
VARBL													
CALM												4.4	
	17.9	31.9	30.3	19.7	1.4	.2	.9	.9				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 51859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 72-8 LL YEARS ALL MONTHS

INSTRUMENT CLASS ALL HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSEY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	4.7	6.5	6.5	.3							16.9	8.4
NNE	.5	.7	1.3	.6								3.1	7.3
NE	.6	.6	.3	.3	.1		.1					1.8	6.9
ENE	.4	.3	.7	.1		.1	.2	.1				1.9	10.8
E	.7	.3	1.0	.6		.1	.1					3.2	8.5
ESE	.5	.3	.3	.4								1.4	6.8
SE	.2	.6	.3	.4	.1							1.5	8.0
SSE	.1	.3	.3	.2	.1	.1						1.5	7.7
S	1.2	1.2	1.5	1.4	.2							5.3	8.4
SSW	.5	1.2	1.2	1.7	.2	.1						4.9	9.1
SW	.6	1.5	2.2	.8	.1	.4	.2					5.8	9.3
WSW	.8	2.2	2.2	.2	.1	.2		.1				5.5	7.5
W	2.3	2.4	1.9	.8	.2	.2						7.5	7.0
WNW	1.7	2.0	1.8	.6	.2		.1					6.5	6.6
NW	1.6	2.2	3.5	1.8	.2							10.2	7.5
NNW	1.5	3.7	6.8	5.6	1.1							18.7	9.2
VARBL													
CALM												4.2	
	14.6	25.1	31.3	20.1	2.7	1.1	.7	.2				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 1683

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 70-84 YEARS JAN MONTH 1000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	2.0	1.1	.2							7.2	7.1
NNE	.5	1.1	.4	.4								2.3	5.7
NE	.7	.5	.2									1.4	3.5
ENE	.7	.5		.7								2.1	6.5
E		1.4	.7									2.2	6.3
ESE	.7	1.3	1.1	.2	.4							3.6	6.9
SE		2.3	.4									2.3	5.1
SSE	.2	1.6	.2									2.1	5.4
S	2.4	2.3	1.4	.9	.5	.4						9.0	6.9
SSW	2.5	2.2	1.8	.4								6.8	5.3
SW	.4	.5	1.4									2.3	6.5
WSW	.9	.7	.5	.4								2.5	5.5
W	3.8	2.3	1.8	1.6								9.5	5.8
WNW	2.7	4.8	3.6	1.4								12.5	6.2
NW	3.4	5.4	3.7	2.7	.4							14.9	6.9
NNW	2.3	3.6	3.6	2.2	.4							12.2	7.1
VARBL												7.3	
CALM													
	22.0	33.7	22.7	11.8	1.8	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 550

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/IAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME YEARS 70-84 MONTH JAN

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.5	2.5	.2								7.0	5.2
NNE	.6		.7	.2								1.8	5.2
NE	.7											.2	2.0
ENE	.1			.2								.7	4.5
E	.2	.7	1.3	.5								2.7	7.6
ESE	.5	.4	.4	.5	.4							2.2	8.8
SE	.3	1.0	.5									2.5	4.9
SSE	.5	1.4	.5									2.5	5.6
S	.9	2.2	1.6	1.6	.7	.2						7.9	8.8
SSW	1.4	1.3	1.1	.2								3.9	5.2
SW	1.3	1.6	.7									3.6	4.5
WSW	1.3	.9	1.1									3.8	4.6
W	3.4	3.2	1.4	.5	.2							8.8	5.2
WNW	2.3	3.4	2.3	1.8								9.9	6.2
NW	5.6	4.7	5.9	1.6	.4							18.1	6.3
NNW	7.2	5.7	6.3	3.2	.2							16.8	7.2
VARBL													
CALM												7.7	
	24.7	29.4	26.3	13.6	1.8	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 717945 KENNEDY SPACE CENTER FL STATION NAME 70-84 YEARS JAN MONTH

1600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.0	2.2	.0								7.7	6.1
NNE	.0	.0	.0									1.3	7.3
NE	.0	.0	.0									.5	4.3
ENE	.0	.0	.0									.7	3.3
E	.0	.0	1.3	.2								2.5	6.8
ESE	1.2	.0	.0	.0								1.8	4.8
SE	.0	1.1	.0	.0	.0							2.7	6.9
SSE	.0	2.0	.0	.0								3.6	6.1
S	2.2	2.0	1.1	1.4	.0	.0						8.1	7.0
SSW	.0	1.0	1.4	1.1	.0							5.0	8.2
SW	.0	.0	.0	.0	.0							1.3	7.0
WSW	1.2	1.0	.0	.0								3.6	5.2
W	3.0	3.0	2.2									9.7	4.5
WNW	2.7	2.0	2.2	1.1	.0							8.6	6.1
NW	2.2	6.7	5.0	2.7	.0							16.8	6.5
NNW	1.0	6.6	5.6	2.5	.0							16.8	7.2
VARBL													
CALM												9.3	
	12.5	35.1	23.8	10.6	1.4	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 79-84 YEARS JAN MONTH

0000-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.1	5.9	1.2								12.2	7.6
NNE	.7	.9	1.8	1.4								4.8	8.1
NE	.4	.5	.2	.4								1.4	6.9
ENE	.2	.4	.4	.2								1.1	6.5
E	.4	.5	2.6	.5								3.4	8.1
ESE	.5	.5	.7	.7								2.5	7.9
SE	.4	.7	1.1	.5	.2							2.9	8.1
SSE	.5	.5	.9	1.6	.2							3.8	9.5
S	.7	1.3	1.9	1.8	.4							5.9	8.9
SSW	.5	1.3	1.6	1.6	.2							5.2	8.7
SW	.7	1.3	2.2	1.1								5.2	7.7
WSW		1.4	.5	.2	.9							3.0	10.0
W	1.3	1.8	2.5	1.1	.5							7.5	7.5
WNW	1.1	1.8	3.8	1.8	.2							8.6	8.1
NW	2.3	3.6	5.4	3.7	.4							14.7	7.6
NNW	1.8	2.5	6.8	4.1	.7							15.9	8.9
VARBL													
CALM												1.8	
	13.3	22.1	37.5	21.9	3.6							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FI STATION NAME 70-84 YEARS JAN MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.3	0.2	7.2	.2							18.8	9.8
NNE	.4	2.0	2.5	2.7	.2							7.9	8.2
NE		.0	1.2	.6								2.5	9.1
ENE		.5	.5	.5								2.7	9.6
E		1.2	2.7	1.4								4.7	8.8
ESE	.5	.5	2.2	.2								3.4	7.0
SE		1.1	.9	.9								2.9	8.4
SSE		.7	.9	1.4	1.1							4.1	12.5
S	.4	.5	1.3	2.2	.4							4.8	10.8
SSW	.5	.5	2.3	2.2	.2							5.7	9.4
SW	.4	1.1	3.0	1.8								6.3	9.1
WSW	.7	1.2	1.1	1.1	.5							5.4	8.8
W	.7	1.1	3.2	1.4	.4	.2						7.7	10.6
WNW	.5	1.1	3.6	1.8	.9							7.9	9.7
NW	.5	1.4	1.8	1.6	.2							5.2	9.1
NNW	.2	.7	2.5	6.3	.9							10.6	11.6
VARBL													
CALM												.2	
	4.9	17.4	33.4	33.3	4.8	.9	.2					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 79-84 YEARS JAN MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.5	11.6	6.1								20.6	9.3
NNE	.5	2.9	3.9	1.4								8.8	7.6
NE	.5	1.3	2.7	.6								3.9	6.6
ENE	.7	2.3	1.4	.5								5.0	6.6
E		3.8	3.2	.5								7.5	7.3
ESE		.9	2.2	.2								3.2	7.2
SE		.9	2.2	.7								3.8	8.4
SSE	.2	.9	1.8	1.8	.4	.2						5.2	10.3
S	.3	.4	.9	1.3	.2							2.9	9.8
SSW	.5	.5	2.2	.2								3.2	7.0
SW	.4	.5	1.3	1.1	.2							3.4	9.2
WSW	.2	.9	1.6	.5	.2							3.4	8.8
W	1.3	2.2	2.9	3.8	1.1	.7	.4					12.2	11.3
WNW	.4	2.9	1.6	1.1	.7	.2						6.8	9.1
NW	.2	.9	.3	.2								2.0	6.7
NNW	.2	.7	2.5	3.9	.2							7.5	10.7
VARBL													
CALM												.5	
	5.6	14.4	41.8	23.5	2.9	1.1	.4					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATE TOLOGY RESEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

767945 STATION KENNEDY SPACE CENTER FL STATION NAME 70-80 YEARS 1 JAN MONTH

1800-2400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	0.0	6.2	1.2								19.5	6.3
NNE	2.2	1.6	.7									4.7	4.2
NE	.5	1.3	.5									2.3	4.5
ENE	.9	2.7	1.3									4.8	5.2
E	1.4	5.7	.4									7.5	4.5
ESE	.7	1.6	.4	.2	.4							3.2	6.5
SE	1.3	2.7	.4	.5								4.8	5.3
SSE	.7	2.7	1.6	.8								4.7	6.5
S	2.2	1.1	.7	.9	.4							5.2	6.5
SSW	.4	.4	.4									1.1	5.3
SW	.2	.9	1.3									2.3	6.2
WSW	.5	.7	.7	.5								2.5	6.6
W	1.3	4.3	2.7	2.5	.4	.5						11.6	8.7
WNW	.9	1.3	1.6	1.1	.4							5.2	8.3
NW	.5	1.4	2.7	.4								4.3	6.8
NNW	.2	2.3	2.7	3.6								8.8	8.8
VARBL													
CALM												7.3	
	17.7	38.4	23.3	11.3	1.4	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION: KENNEDY SPACE CENTER FL STATION NAME: 79-84 YEARS: JAN MONTH: 2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	4.1	2.5	2.2								15.0	6.7
NNE	.2	1.3	.7	.5								2.7	7.1
NE	1.3	.5		.2								2.0	3.9
ENE	.5	.7	.5	.2								2.0	5.5
E	1.6	1.6	.9	.4								4.5	5.4
ESE	.9	2.7	1.6		.5							5.7	6.7
SE	.4	1.1	.4									1.8	5.3
SSE	.9	1.6	1.3	1.1								4.8	7.0
S	1.6	2.3	1.6	.5	.2	.4						6.8	7.0
SSW	.5	1.6	1.3	.2								3.6	6.0
SW	.2	.2	1.1									1.4	7.9
WSW	.2	.9	.9	.2								2.2	6.3
W	2.9	3.2	1.4	2.5	.2		.2					10.4	7.2
WNW	2.2	4.3	2.3	2.6								10.8	6.7
NW	2.5	2.5	3.8	.7	.4							9.9	6.7
NNW	1.8	4.3	2.7	2.7								11.5	7.1
VARBL													
CALM												9.1	
	19.9	33.7	22.9	13.3	1.3	.4	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747045 KENNEDY SPACE CENTER FI
STATION NAME

75-24

YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	1.2	.6							7.1	8.9
NNE	.6	1.1		.8								1.6	6.9
NE	.6	.6		.2								1.4	5.0
ENE	.6	1.6	.4	.8	.2	.2						3.7	8.4
E	1.4	4.7	2.5	1.8								10.4	6.5
ESE	.2	1.4	.4									2.2	4.8
SE	.6	2.2	1.4	.2								5.1	6.6
SSE	1.1	1.1	1.2	.4	.6							4.1	8.1
S	1.1	2.5	1.2	.8								5.5	6.1
SSW	1.2	1.0	.8	.8								3.7	6.8
SW	.4	2.4	1.0	.2								4.5	7.2
WSW	.5	2.4	2.7	1.0	.2							7.1	7.1
W	1.3	4.9	2.5	1.6		.4						11.2	7.1
WNW	1.0	5.1	2.5	.8	.6							10.0	7.1
NW	1.2	4.6	2.4	1.6	.4							10.4	7.1
NNW	.3	4.7	2.5	.8								9.2	6.8
VARBL													
CALM												2.9	
	13.9	42.2	23.7	14.1	2.5	.6						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 70-84 YEARS SEP MONTH 0000-0000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.5	1.6	2.9	.6							10.4	8.1
NNE	1.7	1.3	.4	.6								3.1	5.5
NE	.4	.8	.2									1.4	4.4
ENE	.2	1.4	1.2	.8	.2		.2					3.9	9.6
E	1.3	2.9	2.9	1.2								8.8	6.8
ESE	.2	2.7	1.7		.2							4.7	5.5
SE	.5	1.7	1.8	.6	.4							4.3	8.1
SSE	.4	1.4	1.4	.2								3.3	6.5
S	1.3	3.3	2.0	1.4	.2							8.6	6.6
SSW	.3	1.2	1.6	1.2								4.7	7.1
SW	.3	1.6	1.7	.4								3.7	6.3
WSW	.5	1.6	1.6	.6	.2							4.5	7.7
W	1.6	2.7	3.5	1.6	.4	.2						10.0	7.8
WNW	2.4	3.9	2.7	1.7								9.2	6.0
NW	1.3	5.1	2.2	2.5	.2							11.8	7.1
NNW	.4	2.2	.8	.4								4.7	5.5
VARBL													
CALM												2.7	
	17.8	36.5	24.9	15.3	2.4	.2	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747045 STATION KENNEDY SPACE CENTER FL STATION NAME 70-84 YEARS FFR MONTH
0600-0800 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	2.2	2.4	2.5								9.8	7.0
NNE	.9	.3	.4		.6							2.5	7.5
NE	.2	1.1	.2	.8								2.2	8.0
ENE	.6	1.1		1.5								2.5	7.0
E	.6	3.5	2.0	1.4								7.5	6.8
ESE	.6	1.2	1.4	.6								3.7	6.7
SE	.4	2.5	1.6	.4								4.9	6.4
SSE	.4	.8	.2	.4	.4							2.7	9.0
S	.5	2.1	1.2	1.4								6.9	7.2
SSW	.3	.4	1.2	.4								2.7	7.2
SW	.7	1.8	.8	.4								3.3	6.2
WSW	.3	2.7	1.6	.2								5.3	5.8
W	2.5	2.9	2.9	1.8	.8	.6						11.6	8.4
WNW	1.4	2.2	2.2	.8								6.5	6.4
NW	1.3	7.1	4.9	2.2								15.9	6.8
NNW	.7	4.7	3.1	.8								9.6	6.4
VARBL													
CALM												2.4	
	15.5	57.8	27.1	14.9	1.8	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.3	6.7	3.2	.4							13.1	9.2
NNE	.3	.2	2.4	.8	.6							4.7	8.8
NE	.1	1.6	.8	.2								2.7	6.4
ENE	.3	.2	1.6	1.4								3.3	10.2
E	.3	1.1	2.2	3.7								7.1	10.2
ESE	.4	.4	1.3	1.8								3.5	9.1
SE		1.2	1.2	1.8	.2							4.3	9.5
SSE	.2	.6	2.6	2.5	.4							6.1	10.8
S	.7	1.3	1.2	1.9	.4							4.1	9.8
SSW		.3	1.6	1.6								3.9	10.1
SW	.6	.3	1.4	1.2		.2						3.9	9.3
WSW	.2	2.3	2.2	.6	.2							5.1	7.5
W	.3	2.2	1.6	1.4	1.8	.6						8.7	11.2
WNW	.2	.6	1.6	2.7	.6							5.9	10.7
NW	1.3	2.2	3.9	5.3								12.9	9.1
NNW		2.7	4.7	2.7	.3							11.3	9.1
VARBL												.2	
CALM													
	5.7	20.3	35.5	32.4	5.3	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	7.6	6.2	.6							15.9	10.8
NNE	.4	1.8	6.3	2.7								11.8	8.5
NE		1.4	2.5	.8								4.7	7.9
ENE	.2	1.3	1.6	1.7								4.3	8.5
E		.6	1.4	2.7	.2							4.9	11.4
ESE			1.9	2.5								4.1	11.3
SE		.2	1.9	.8								2.0	10.5
SSE		.4	1.9	5.1	1.6							9.8	12.7
S		.2	1.2	2.7	.4							4.5	12.1
SSW	.2	.2	2.7	1.6	.4							5.1	10.2
SW	.4	1.1	1.3	1.8								4.9	9.0
WSW	.2	1.2	1.2	1.5	.2							3.9	9.7
W	.8	1.2	1.2	2.4	1.2	.3						7.3	12.1
WNW	.5	.5	2.5	1.6	1.0	.2						5.3	11.9
NW		.4	2.2	2.4	.2							5.1	10.9
NNW	.2		2.7	3.1	.2							6.3	10.9
VARBL													
CALM												.2	
	2.4	12.1	39.2	30.4	5.9	1.1						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-84
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.7	5.9	6.0	.4							14.1	10.6
NNE	.2	2.5	3.0	2.5	.2							13.5	8.6
NE	.5	2.4	4.9	.6								8.4	7.4
ENE		2.2	2.3	1.2								5.1	8.1
E		1.6	3.3	1.8								6.7	8.7
ESE	.4	.4	2.7	2.4								5.9	9.2
SE		.4	3.1	1.2	.4							5.1	10.4
SSE		.2	2.4	5.1	.4							8.0	12.0
S	.2	.4	.8	1.2								2.5	10.0
SSW		.4	1.2	1.7	.2							2.7	9.9
SW	.2	.4	2.3	2.0								4.7	9.8
WSW	.2	.6	.8	.4								2.0	7.9
W		1.2	1.2	4.7	1.6							8.4	13.5
WNW		.4	1.6	1.8	.8	.4						5.1	12.3
NW	.2	.4	.8	1.6								2.9	9.9
NNW		.4	1.4	2.2	.8							4.7	12.3
VARBL													
CALM													
	2.5	14.7	42.0	36.3	4.7	.4						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

510

GLOBAL CLIMATOLOGY STATION
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

70-84
YEARS

FFR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	6.1	6.9	2.6								17.3	7.2
NNE	2.1	3.1	2.0	.4	.2							7.7	5.9
NE	1.2	3.5	1.4	.8								6.9	5.8
ENE	2.6	2.8	2.0	.2	.2							7.7	5.7
E	2.2	4.3	2.2	1.0	.6							10.2	6.5
ESE	.6	1.4	1.4									3.3	5.6
SE	.2	1.6	1.8	1.4	.4							5.3	9.2
SSE	.6	2.5	4.7	2.6								10.4	8.8
S	1.2	1.0	1.4	.8								4.3	6.5
SSW	1.2	.4	.6	.2								2.4	5.4
SW	.6	.6	.8	.2								1.6	7.4
WSW	.6	.4	1.2	1.6		.2						3.9	9.7
W	.6	1.8	1.8	3.0	.6							7.7	10.0
WNW	.2	1.0	.4	1.6								3.1	9.4
NW	.4	1.0	.8	1.2								3.3	8.4
NNW	.2	1.0	1.2	1.6								3.9	9.3
VARBL													
CALM												.8	
	15.4	32.5	30.3	18.9	2.0	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

508

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/1AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

73-24

YEARS

PER
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	4.7	3.7	1.8	.2							11.2	6.6
NNE	.5	1.8	1.9	.2								4.3	6.2
NE	1.4	1.2	1.2	.8								4.5	6.6
ENE	.6	1.3	.9	.8								3.4	6.7
E	1.4	2.0	2.6	1.0	.2							7.7	6.5
ESE	1.1	1.1	1.4	.2	.6							4.3	7.0
SE	4.0	1.2	1.4	1.2								4.5	7.5
SSE	1.1	2.2	1.2	.6								5.3	6.1
S	1.8	3.2	2.2	1.6								8.3	7.1
SSW	1.6	1.0	.8	.8								4.1	6.1
SW	1.1	1.4	.6	.2								3.2	4.9
WSW	.8	1.1	1.7	1.4	.2	.4						5.1	9.5
W	2.7	2.8	4.7	2.2								11.4	7.4
WNW	1.3	1.3	2.2	.2	.2							5.5	6.8
NW	.6	2.8	1.1	1.4								5.7	6.9
NNW	1.6	2.0	1.8	1.0								6.7	6.3
VARBL													
CALM												4.5	
	19.5	32.3	27.3	14.6	1.2	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

507

GLOBAL CLIMATOLOGY DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 70-83 YEARS MAD MONTH 1000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	7.7	1.5	.4								5.6	6.2
NNE	.1	.6	.6									2.4	5.1
NE	.3	.2	.2									1.3	3.2
ENE	1.7	1.1	.2	.4								3.0	5.2
E	.3	2.3	1.1	.4								4.5	6.4
ESE	.1	2.2	1.7	.2								4.7	5.4
SE	1.7	2.6	3.2	1.1		.4						8.6	7.5
SSE	1.3	2.4	1.5	2.4	.2	.2						7.7	8.2
S	3.2	2.3	2.4	3.7	.2	.2						11.8	7.7
SSW	.9	2.4	.9	.9		.2						5.2	7.2
SW	.9	1.1	1.1	.4		.2						3.7	7.4
WSW	.4	2.2	3.4	.6		.2						6.9	7.5
W	2.4	4.3	5.6	.9		.2						13.3	6.7
WNW	.9	2.4	1.9	.6	.4							6.2	7.6
NW	.9	.6	1.7	2.4								5.6	9.1
NNW	3.2	1.3	2.2	1.1								7.7	5.9
VARBL													
CALM												1.7	
	20.6	31.6	28.8	14.8	.9	1.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747943
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-83
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	1.7	.2								5.2	5.6
NNE	.2	.6	.4									1.3	5.8
NE	.3	.2	.6	.4								1.9	7.0
ENE	1.2	.9	.6	.2								3.0	5.2
E	.2	2.3	1.9	.9								5.6	7.0
ESE	.4	.6	1.1									2.2	6.5
SE	1.1	2.7	2.2	.9	.2							8.0	6.6
SSE	.3	1.9	1.7	1.7								6.0	7.9
S	2.3	2.6	1.5	2.6	.4							9.7	7.5
SSW	1.3	2.2	2.2	1.9	.2							7.7	7.8
SW	1.2	1.1	2.2	.4		.2						5.2	6.9
WSW	.3	1.9	1.1	1.1		.2						4.9	7.9
W	3.2	4.1	3.2	1.1								11.6	5.9
WNW	1.3	3.7	2.4	.4								8.4	5.6
NW	3.7	7.4	3.7	2.2								11.6	6.6
NNW	1.3	2.2	1.9	.4	.2							6.0	6.3
VARBL													
CALM												1.7	
	21.3	33.3	27.7	14.4	1.1	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747245
STATION

KENNEDY SPACE CENTER FL

STATION NAME

79-83

YEARS

MAD
MONTH

ALL WEATHERED
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	2.4	.4								6.7	5.5
NNE	.6	1.1	.4									2.2	4.7
NE	1.1	.6		.2								1.9	3.9
ENE	.5	.9	.9	1.5								3.9	8.7
E	1.1	1.3	1.3	.9								4.5	6.7
ESE	.6	1.3	2.8									4.7	6.4
SE	.9	.9	1.1		.4							3.2	7.3
SSE	1.3	1.7	1.7	1.7	.2							6.9	7.8
S	2.3	2.2	2.6	1.9	.2	.2						11.0	7.3
SSW	1.7	2.6	1.1	2.4	.4							8.2	8.1
SW	.3	2.2	1.9	2.2								6.5	8.6
WSW	.4	1.1	1.1	1.1								3.7	7.7
W	2.4	4.9	2.4	1.3								11.0	5.9
WNW	2.2	1.9	1.7	1.7								7.5	6.6
NW	1.7	3.7	2.2	1.3								8.8	6.5
NNW	2.6	1.7	1.9	1.1								7.3	6.7
VARBL													
CALM												2.2	
	22.4	31.7	25.4	17.6	1.3	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

465

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 79-83 YEARS MAP MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	3.2	4.5								8.4	10.4
NNE	.4	.9	1.5	.4								3.2	7.2
NE	.5	.9	.9	1.3								3.7	7.9
ENE	.6	.4	.9	2.8	.2							4.9	10.6
E	.4	.4	3.2	2.2								6.2	9.3
ESE	.2		1.6	1.7	.2							4.1	10.2
SE	.9	.4	.9	2.2	.6							4.5	11.1
SSE		.4	1.7	3.4	.2	.6						6.5	12.5
S		1.7	2.4	1.1	.6	.4						6.2	11.0
SSW	1.5	.6	3.4	2.2	.6	.4						8.8	10.2
SW	.2	2.4	2.2	2.8	.6	.4						8.6	10.2
WSW	.2	1.7	2.2	1.7	.4	.2						6.5	9.8
W	.4	1.5	1.9	1.7	1.5	.2						6.9	11.2
WNW	.6	.9	1.7	3.1	.9							7.1	11.0
NW	.2	.4	2.6	3.4	.4							7.1	10.4
NNW		1.1	3.0	3.1								7.1	9.7
VARBL													
CALM												.2	
	6.2	14.2	33.5	37.0	6.5	2.4						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

465

GLOBAL CLIMATE LOGIC BRANCH
USAFETAC
AIP WEATHER SERVICE/1AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 247545 KENNEDY SPACE CENTER FL STATION NAME 79-83 YEARS MAP MONTH 1000-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.3	4.7	6.0								12.3	10.1
NNE	.5	.4	4.5	1.9								7.7	9.1
NE	.2	.4	3.7	.5	.2							4.7	9.2
ENE		.4	2.6	2.8								5.8	11.0
E		.2	4.1	2.4								6.7	10.0
ESE		.2	1.9	2.2	.2							4.5	11.2
SE		.7	1.7	2.2	.9							4.5	12.2
SSE		.2	2.8	6.7	2.2							11.2	13.0
S		.4	.9	1.7	.9							3.9	12.6
SSW		.4	2.2	1.9	.6							5.2	11.0
SW		.4	2.6	2.8	.9	.4						7.3	11.8
WSW	.2	1.5	3.7	2.4	.9							8.0	10.1
W	.4	1.3	1.9	2.8	2.6	.4						9.5	12.9
WNW	.2	.6	.9	.9	.2	1.1	.2					3.2	16.5
NW	.2	.7	.9	1.7	.4							3.4	12.0
NNW			.2	1.9								2.2	13.2
VARBL													
CALM													
	1.7	8.2	37.6	40.4	9.9	1.9	.2					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

41.5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 72-83 YEARS
MAR MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	2.4	5.8								8.4	11.7
NNE	.2	.4	5.6	2.8	.2							9.2	9.7
NE		1.7	4.3	.6								6.7	8.1
ENE		.4	3.2	3.9								7.5	10.4
E		1.7	7.3	.6								9.7	8.3
ESE			5.2	3.0								8.2	10.2
SE		.3	2.6	4.9	.6							8.8	12.0
SSE		.2	1.9	5.8	2.4							10.3	13.6
S		.2	1.1	1.9								3.2	11.2
SSW	.2		.9	.9	.9							2.8	12.7
SW	.7	.6	1.3	1.7								3.9	10.4
WSW		.6	1.7	.9	1.9	.6						5.8	14.3
W		.6	1.7	3.2	2.4	.9	.2					9.0	15.0
WNW			1.1	.9	.9	.9						3.7	16.2
NW			.3	.4	.6							1.7	13.8
NNW		.7	.2	.6								1.1	10.6
VARBL													
CALM													
	.5	7.7	41.1	38.1	9.9	2.4	.2					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 79-83 YEARS MAP MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.1	3.2	3.2								8.2	9.2
NNE	.2	3.2	7.6	.4								7.1	6.4
NE	2.2	2.2	1.7									7.1	4.5
ENE	1.1	2.4	1.7	1.5								6.7	7.4
E	1.2	6.3	2.4									10.5	5.3
ESE	.9	3.7	3.7	.6								8.8	7.7
SE	1.3	1.9	4.5	2.6								10.3	8.2
SSE	.2	.4	4.9	5.4	1.5							12.7	11.6
S	.2	1.7	1.7	1.9	.2							5.8	9.7
SSW		.6	1.1	.2								1.9	7.6
SW			.9	.9								1.7	11.7
WSW	.2	.6	1.3	.6	.4							3.2	9.9
W	.2	1.1	1.7	6.5	1.7	.4						11.6	13.5
WNW	.2	.4	.2	.9	.2	.2						2.2	12.2
NW	.2			.4	.4							1.1	13.6
NNW		.2	.4									.6	7.7
VARBL													
CALM												.4	
	3.8	28.4	32.3	25.2	4.5	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

717945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-83
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.2	3.2	.4								8.0	6.2
NNE	1.7	3.2	.4									4.9	4.7
NE	1.3	1.1	1.3									3.7	4.9
ENE	.6	3.	.2	.9								4.7	6.3
E	2.4	3.2	1.3	.2								7.1	4.8
ESE	1.1	2.2	2.6	.4	.2							6.5	7.0
SE	1.1	3.	3.4	1.5	.4							9.5	7.9
SSE	1.9	2.6	3.	2.8	.6							11.0	8.3
S	.2	2.4	3.2	3.0	.2	.2						9.2	9.9
SSW	.6	2.2	1.1	.9								4.7	6.9
SW	.2	1.3	1.1									2.6	5.8
WSW	.4	1.5	2.8	.9								5.6	7.6
W	1.1	3.7	4.3	3.0	.6	.2						12.9	8.9
WNW	.6	.6	1.3	.9	.9							4.3	10.0
NW		.8	.2	.2	.2	.2						1.3	12.2
NNW	.2	1.5	.2	.2	.2							2.4	7.1
VARBL												1.7	
CALM													
	15.3	34.0	29.7	15.3	3.4	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

465

GLOBAL CLIMATOLOGY PATCH
USAFCTAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747043
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-83
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	1.1	.4								4.1	5.7
NNE	1.1	1.5	1.1									3.7	4.9
NE	1.9	.7	.7									3.3	3.9
ENE	.5	.6		.4								1.9	4.8
E	3.0	2.0	2.0	.6								8.0	5.3
ESE	1.5	2.8	2.6	.7	.2							7.8	6.4
SE	1.5	3.3	3.9	.9								9.6	6.8
SSE	.7	3.9	2.6	.6								7.8	6.3
S	2.2	3.1	3.1	1.3								9.8	6.5
SSW	1.1	1.3	2.4	.6								5.4	6.8
SW	1.5	1.5	1.7	.4								4.8	5.8
WSW	.7	1.7	4.1	.4								6.9	7.1
W	1.0	5.9	1.9	.6								10.2	5.6
WNW	.7	2.2	2.0	.2								5.2	6.0
NW	.0	1.1	2.2	.4	.2							4.6	7.1
NNW	1.7	.6	.6									2.8	3.9
VARBL													
CALM												4.3	
	22.2	34.1	31.9	7.2	.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FI STATION NAME 75-83 YEARS APP MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	1.3	.6								6.7	4.8
NNE	.7	2.3										2.9	4.1
NE	2.4	.4	.4	.6								3.7	4.5
ENE	.7	.6	.2	.2								1.7	4.8
E	1.7	3.3	1.1	.6								6.7	5.2
ESE	1.1	3.0	1.5	1.3								6.9	6.5
SE	2.6	1.7	2.7	.4								6.7	5.2
SSE	1.3	2.2	3.3	.2								6.7	6.3
S	1.9	3.9	3.1	.7	.4							10.0	6.8
SSW	1.7	2.2	1.9	.4								6.1	5.8
SW	.4	2.6	.7	.2								3.9	5.5
WSW	.6	1.5	1.9	.7								4.6	7.1
W	3.1	6.3	2.2	.7								12.4	5.2
WNW	1.7	.7	2.7	.6								5.0	6.3
NW	1.5	1.7	1.7	.7								5.6	6.2
NNW	1.7	3.1	1.7	.4								6.7	5.5
VARBL													
CALM												4.1	
	26.1	36.7	24.6	8.1	.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747545
STATION

KENNEDY SPACE CENTER FL

STATION NAME

75-83

YEARS

APP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	1.5	.6								6.7	5.7
NNE	.7	.7	.7	.2								2.4	5.6
NE	.7	.7	.6	.5								3.3	7.3
ENE	.0	1.3	1.1									2.8	5.3
E	2.2	2.0	1.5	1.1								7.6	5.8
ESE	.1	2.0	1.1	.9								5.7	6.3
SE	1.1	3.0	2.6	.6								7.2	6.5
SSE	1.1	1.3	1.5	.6	.2							4.6	7.0
S	1.2	4.2	3.1	1.0	.4							10.9	7.4
SSW	.7	.4	1.0	1.1								4.1	8.0
SW	.3	1.1	2.4	.4								4.4	7.3
WSW	.9	.2	2.2	.7	.2							5.0	7.7
W	2.0	2.7	1.1	.2								6.9	4.6
WNW	2.0	2.2	2.0	.4								7.0	5.4
NW	2.2	1.3	4.3	.2								8.0	6.1
NNW	1.3	3.7	2.0	2.2								9.6	7.1
VARBL													
CALM												4.1	
	22.4	34.0	31.0	41.0	.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83
YEARS

APR
MONTH

0800-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.0	2.6	2.8								6.7	9.6
NNE		.1	3.5	1.7								6.3	9.3
NE	.2	1.3	1.7	.4	.6							4.3	8.7
ENE	.2	1.3	1.3	.5								3.7	8.6
E		.1	3.3	3.5								8.8	9.5
ESE	.2	.6	3.7	2.6								7.8	9.4
SE		1.1	3.1	3.9	.4							8.5	10.3
SSE	.3	.9	3.3	5.0	.7							10.2	11.2
S	.3	.9	.9	3.0	1.1							6.5	11.5
SSW		1.1	.7	3.5	.2							5.6	10.6
SW	.6	.7	1.3	3.1	.2							5.9	9.8
WSW	.4	1.5	2.4	2.0								6.7	8.4
W	.3	1.5	2.1	2.0	.7							6.9	10.4
WNW	.2	1.7	1.3	.9								4.1	7.9
NW		.5	2.4	1.7								5.0	9.2
NNW	.1	.4	1.3	3.7								4.8	11.2
VARBL													
CALM													
	3.3	17.0	35.0	40.7	3.9							100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

73-83

YEARS

APR
MONTH

ALL WEATHER

CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.4	1.9	5.6								7.8	11.6
NNE	.2	1.1	4.4	3.5								9.3	9.8
NE	.4	1.1	3.1	1.5	.4							6.5	9.3
ENE	.2	.7	4.4	1.7	.2							6.9	9.2
E	.2	.4	5.4	3.9								9.8	10.2
ESE	.2	.4	4.4	3.5								8.5	10.3
SE	.2	.4	3.5	5.7	.6							9.6	10.9
SSE	.2	.4	2.2	5.7	1.7							10.4	12.1
S	.2	.4	2.7	3.1	1.1							6.9	12.1
SSW	.2	.2	.4	2.4	.2							3.3	12.8
SW	.2	.7	2.4	2.7								5.4	9.5
WSW		.2	2.4	1.3	.9							4.8	10.9
W	.2	.4	1.3	3.7	1.1	.2						6.1	12.8
WNW	.2	.2	.6	.7								1.7	9.4
NW		.4	.6	.6								1.5	9.8
NNW		.2	.4	.7	.4							1.7	12.7
VARBL													
CALM													
	2.4	7.6	39.4	43.9	6.5	.2						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION NAME KENNEDY SPACE CENTER FL YEARS 78-87 APP MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.0	1.9	1.7								6.3	8.0
NNE	.6	2.4	2.8	1.1								6.9	7.4
NE	.1	3.1	1.3	1.1								6.7	6.5
ENE	1.1	2.4	.7	1.3								5.6	6.9
E	2.1	7.6	4.3	1.3								15.2	6.2
ESE	.9	3.9	4.3	2.1								11.1	7.5
SE	1.1	3.1	7.8	3.3								15.4	8.1
SSE	.7	4.3	2.6	4.1	.4							12.0	8.5
S	.2	1.7	1.7	1.7	.2							5.4	8.8
SSW	.1	.4	.2	.6								1.3	8.4
SW		.3	.9	1.1	.4							2.6	11.9
WSW		.7	1.5	1.9								4.1	9.9
W		.3	2.6	1.7	.4							5.6	10.2
WNW		.4	.4	.2	.4							1.3	11.3
NW													
NNW	.2	.4										.6	4.0
VARBL													
CALM												.2	
	3.3	24.1	32.8	23.0	1.7							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FI STATION NAME 72-83 YEARS ADD MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KMTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	1.2	.2								3.9	5.4
NNE	1.1	1.5	1.7	.4								4.6	5.6
NE	2.2	2.7	.2									6.1	4.1
ENE	.2	1.7	.6	1.2								4.4	6.8
E	2.1	5.2	3.3	.4								10.9	5.7
ESE	.6	4.1	3.3	.2								8.1	6.4
SE	.9	3.5	4.9	1.3	.2							10.7	7.7
SSE	1.1	3.9	7.7	2.4								10.4	7.7
S	3.7	5.4	1.1	1.7	.2							12.0	5.7
SSW	.9	1.1	1.3	.6								3.9	6.5
SW	.6	.9	1.9	.6								3.9	7.4
WSW	.5	2.2	2.2	.6	.2							5.7	7.1
W	.2	2.6	3.1	.6								6.3	7.2
WNW	.4	1.3	.9	.4								3.1	6.5
NW													
NNW	.7	.6	1.3									2.6	5.6
VARBL													
CALM												3.1	
	17.2	38.9	28.8	13.4	.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	1.6	.4								3.4	6.8
NNE	1.4	1.1	.9	.5								3.9	5.6
NE	2.7	.7	.7									3.8	4.2
ENE	2.2	1.8	1.3	.2								5.4	4.8
E	3.7	6.6	2.7	.2								11.8	4.8
ESE	2.9	3.9	1.8									8.6	4.8
SE	1.4	5.1	2.2	.9								9.5	5.8
SSE	3.7	3.2	1.6	.7								8.8	5.2
S	4.7	5.6	4.3	.4								14.5	5.7
SSW	.5	2.5	1.8	.2								5.2	6.8
SW		.7	1.6									1.8	8.1
WSW	.4	1.1	1.3									2.7	6.4
W	1.6	4.7	2.7	.5								9.5	5.8
WNW	1.1	.7	.9	.4								3.0	5.6
NW	.5	.5	.5									1.6	5.2
NNW		.5	.4									.9	5.6
VARBL													
CALM												5.6	
	25.6	38.9	25.4	4.7	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

75-83
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	.7	.5								4.3	5.1
NNE	.3	2.1	.7	.2								3.4	5.7
NE	2.5	2.5	.2									5.2	3.7
ENE	1.1	.7	.5									2.3	4.5
E	3.9	5.2	2.0									11.1	4.5
ESE	3.9	3.6	.9	.4								8.6	4.4
SE	2.7	2.0	1.8	.2								6.6	4.9
SSE	2.9	2.2	.7	.2								5.9	4.2
S	3.8	6.9	3.6	.5	.2							14.9	5.5
SSW	2.2	1.9	1.4	.2								5.6	4.8
SW	.4	1.8	1.6									3.8	5.9
WSW	.5	1.8	1.3									3.6	5.6
W	2.1	3.2	2.1	.2								8.4	4.9
WNW	1.3	1.8	1.6									4.7	5.2
NW	1.1	1.1	1.1									3.2	4.8
NNW	.7	.5	.4									1.6	3.8
VARBL													
CALM												6.8	
	32.1	38.2	20.4	2.3	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

707945 STATION KENNEDY SPACE CENTER FI

STATION NAME

72-83

YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-1800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	7	0	0								4.3	6.0
NNE	0	1.0	0.5	0.4								2.9	5.8
NE	3.3	1.3	1.1	0.0								5.2	5.1
ENE	0.7	1.0	0.9	0.0								3.6	5.9
E	3.3	3.9	0.9	0.5								10.4	5.5
ESE	2.7	3.0	1.1	0.0								7.5	4.6
SE	0.1	2.3	2.7	0.0								7.3	5.7
SSE	2.2	2.2	1.8	0.7								6.8	5.6
S	2.7	3.0	2.5	1.6								10.0	6.5
SSW	0.7	1.0	2.0	0.0								5.4	7.3
SW	0	1.0	2.0	0.0								4.3	7.4
WSW	1.1	2.7	2.5	0.0								6.5	5.8
W	1.0	2.9	3.0	0.0								8.1	6.1
WNW	1.0	1.1	0.5									3.0	3.9
NW	1.0	1.1	1.8									4.3	5.4
NNW	2.7	0.9	0.0	0.4								4.8	4.3
VARBL													
CALM												5.6	
	26.0	31.9	27.8	7.9								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 78-83 YEARS MAY MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.2	2.3	1.4	.5							4.5	11.3
NNE	.5	.5	1.6	1.6	.2							4.7	9.5
NE	1.4	2.2	2.2	1.4								5.0	8.5
ENE	.4	1.5	4.3	2.2								8.4	3.6
E	1.3	4.3	4.3	2.0								7.5	9.5
ESE	.5	.5	5.2	.7								7.0	8.4
SE	.5	2.2	4.8	1.6								9.1	8.1
SSE	.7	1.3	4.5	4.1	.4							10.4	9.9
S	.5	3.7	2.2	1.8								7.5	7.7
SSW	.5	2.1	4.3	3.8								10.6	9.3
SW	.2	1.3	3.6	2.7								7.0	8.7
WSW	.2	2.3	3.7	.2								5.7	7.1
W	.4	1.2	2.2	1.4								5.2	8.3
WNW	.2	.4	1.4	.7								2.7	8.3
NW	.2	.7	1.4	.4								2.7	7.3
NNW	.2	.5	1.1	.2								2.0	7.2
VARBL													
CALM													
	4.7	20.4	48.4	25.4	1.1							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 KENNEDY SPACE CENTER FI
STATION

78-83

YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.4	1.2	2.2	.4							4.3	12.6
NNE	.2		2.7	1.4	.9							5.2	17.9
NE		.9	5.2	2.0								8.1	9.5
ENE		.3	7.9	1.6								9.1	9.4
E	.2	1.6	9.3	4.1	.2							15.4	9.5
ESE	.2	.4	8.1	2.9								11.5	9.4
SE	.2	1.2	5.6	4.8	.4							13.3	10.0
SSE	.4	1.1	3.1	3.6	.4							8.4	10.2
S	.4	1.4	2.3	.7								4.8	7.7
SSW		1.6	2.0	2.2								5.7	9.7
SW	.2	.2	1.9	1.1								3.2	9.1
WSW		.3	1.1	.9								2.5	9.4
W	.2	.5	1.3	1.4								3.4	9.8
WNW		.4	.9	1.2	.2							2.7	10.6
NW		.4	.4	.4								1.1	8.8
NNW		.4	.5	.4								1.3	9.1
VARBL													
CALM													
	1.8	11.5	53.4	31.0	2.2							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/FAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 72-83 YEARS MAY MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.7	2.9	.5							4.3	13.3
NNE	.4	.2	2.2	2.0	.4							5.7	10.5
NE		.5	3.9	1.4	.2							6.1	9.4
ENE		.2	8.1	2.3								10.6	9.6
E	.2	1.0	13.4	4.5								19.5	9.2
ESE	.2	.0	9.1	6.5								16.7	9.8
SE	.2	1.1	6.3	6.5	.2							14.2	10.4
SSE	.4	.7	3.7	3.9	.2							8.2	10.3
S		.5	2.7	1.6	.4							4.5	11.0
SSW		.2	.4	.7								1.3	10.3
SW		.5	.5	.7								1.8	8.8
WSW			.4	.5								.9	11.8
W		.5	1.1	2.7	.4							3.9	11.2
WNW	.2		.7	1.1	.2							2.2	11.3
NW		.2	.4									.5	6.7
NNW			.2	.2								.4	9.5
VARBL													
CALM													
	1.4	7.2	52.3	36.7	2.3							100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 78-83 YEARS MAY MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.3	.7	2.2								3.2	10.6
NNE	.7	1.6	1.7	2.0	.2							5.2	8.9
NE	.5	1.4	2.2	.2								4.3	6.4
ENE	.7	3.8	3.6	.4								8.4	6.2
E	2.9	1.9	6.9	.4								21.0	5.9
ESE	.4	2.8	7.3	2.7								13.4	7.8
SE	1.1	3.4	9.3	4.2								18.1	8.4
SSE	.4	2.3	5.2	2.0	.2							9.9	8.4
S	.5	1.3	1.6	1.4								4.8	8.3
SSW	.5	.7	1.4	.2								2.9	6.6
SW		.4	.4			.2						.7	11.0
WSW	.3	.4	.2	.7								1.4	9.2
W	1.1	1.3	1.1	1.1								3.4	9.0
WNW	.4	.2	.9	.9								2.3	9.5
NW			.5									.5	7.0
NNW												.2	2.0
VARBL													
CALM												.2	
	8.1	31.2	42.5	17.6	.4	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747943 STATION KENNEDY SPACE CENTER FL STATION NAME 73-83 YEARS MAY MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.9	1.9	.4								3.4	6.8
NNE	.2	.9	1.3	.9								3.2	8.3
NE	1.1	1.6	.4									3.0	4.1
ENE	.2	2.5	.7									5.4	4.4
E	5.6	8.1	2.9	.2								16.7	4.8
ESE	2.9	3.1	2.7	.4								13.1	5.5
SE	2.1	6.6	5.2	.7								14.5	6.2
SSE	1.4	5.	3.6	.9								10.4	6.1
S	1.4	4.7	3.2	1.4								10.8	6.5
SSW	.5	2.3	1.9	.5								5.2	7.0
SW	.9	.5	.5									1.4	5.1
WSW	.5	.7	1.1	.5								2.9	7.3
W	.2	2.5	1.4	.7								5.6	6.5
WNW	.5	.5	.5	.2								1.3	6.9
NW	.4	1.3	.4									2.0	5.3
NNW	.2											.2	2.0
VARBL													
CALM												1.1	
	19.0	46.2	26.9	6.8								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

707945 STATION KEENEY SPACE CENTER FL STATION NAME 73-83 YEARS JUN MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	.4	.2								3.3	4.3
NNE	2.2	.7	2.2									5.0	5.3
NE	.7	.9	.6									2.2	4.8
ENE	1.2	1.5	.2									3.5	3.7
E	3.2	3.5	2.2									9.6	4.8
ESE	1.5	3.1	1.1									5.6	4.8
SE	2.0	3.7	1.5	.2								7.6	5.3
SSE	3.3	4.3	1.1									8.7	4.1
S	5.2	6.3	2.4									13.9	4.4
SSW	1.5	5.0	3.3	.2								10.0	5.6
SW	1.1	4.3	3.5	.3								9.1	5.9
WSW	1.7	3.3	1.5	.2								6.7	5.0
W	1.9	2.6	1.3									5.7	4.6
WNW	.2	1.1	.2									2.2	4.3
NW	1.5	.6		.2								2.2	3.8
NNW	1.1	.4										1.5	2.9
VARBL													
CALM												3.5	
	31.7	42.2	21.3	1.1	.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747045 STATION KENNEDY SPACE CENTER FL 78-93 YEARS MONTH JUNE

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.0										4.4	3.2
NNE	.7	1.1	.4	.2								3.3	4.6
NE	.4	.2	.6									1.9	5.2
ENE	.7	1.5		.2								2.4	4.5
E	3.5	3.7	.7	.2								8.1	4.1
ESE	1.1	.6	1.1									3.1	4.8
SE	2.4	3.1	.2	.2								5.9	4.1
SSE	2.2	.3	.2	.2								3.5	3.7
S	6.3	7.8	1.1	.4								15.6	4.2
SSW	2.0	5.4	2.8									10.2	5.1
SW	2.1	3.1	3.1	.6								8.5	5.7
WSW	1.9	5.4	1.5									8.7	5.1
W	3.1	4.6										7.8	3.9
WNW	2.6	1.1										3.7	3.1
NW	1.3	.										2.6	3.1
NNW	2.2	1.1										3.3	3.3
VARBL													
CALM												6.9	
	36.7	43.7	11.5	1.7								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

78-83

YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	1.1	.4									5.6	3.5
NNE	1.1	1.3	1.1	.6								4.1	5.9
NE	2.1	1.1	.7									3.9	4.0
ENE	1.1	.9	1.3									3.3	5.2
E	.7	2.4	2.6	.7								6.5	6.6
ESE	1.9	1.9	.6									4.3	4.5
SE	1.1	2.1	.2	.4								3.7	4.8
SSE	2.1	1.7	1.1	.2	.2	.2						5.4	6.1
S	3.5	4.1	1.1	.4			.2					9.3	5.1
SSW	1.9	3.3	1.7	.2								7.0	5.3
SW	.1	4.4	3.9	.7								10.2	6.3
WSW	2.5	4.6	4.3	.4								11.9	5.8
W	2.2	3.9	2.2									8.3	5.2
WNW	3.1	3.1	.6									6.5	3.8
NW	2.4	.9										3.3	2.7
NNW	2.2	1.5										3.7	3.4
VARBL													
CALM												3.1	
	33.7	38.1	21.7	3.5	.2	.2	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/DAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

78-83

YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.5	.9	.7								3.5	7.3
NNE	.3	1.7	2.0	1.1								5.7	7.5
NE	.7	1.9	2.6	2.2								7.4	8.2
ENE	.2	.6	3.2	.6								4.6	8.5
E	.4	1.9	4.1	1.9								8.1	8.1
ESE	.6	1.1	3.5	1.7								6.9	8.6
SE	.4	1.9	.9	.9								4.1	7.4
SSE	.2	1.5	1.9	1.1								4.6	8.4
S	1.1	1.3	1.5	.9	.2		.4					5.4	8.8
SSW	1.3	1.9	2.2	1.1								6.5	6.9
SW	1.2	3.9	6.1	1.1								12.4	7.1
WSW	1.1	4.3	4.8	1.7								11.9	7.2
W	.6	3.7	3.5	1.9								9.6	7.6
WNW	1.1	1.9	2.9	.4								5.4	5.9
NW	.9	1.1	.7									2.8	4.7
NNW	.5	.6	.3									1.3	4.2
VARBL													
CALM												.6	
	11.2	30.0	40.4	17.2	.2		.4					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

73-53

YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.0	.7	.7								2.6	8.1
NNE	.6	.6	5.7	1.7								7.4	8.9
NE		1.7	3.3	3.1								7.8	9.7
ENE	.2	2.7	4.5	2.6								11.3	8.9
E		1.7	12.7	2.6								16.3	8.8
ESE	.4	1.1	5.7	1.3								8.5	8.7
SE		.1	5.2	1.7	.2							8.1	9.1
SSE	1.1	1.7	3.5	2.4	.4							9.1	8.3
S	.4	1.3	2.2	.9								4.8	7.9
SSW	.2	.7	1.5	.7								3.1	8.3
SW		1.5	1.9	.7								4.1	7.9
WSW	.2	1.5	3.7	1.7	.2							6.3	9.0
W	.4	1.3	2.2	1.5								5.4	8.2
WNW	.6	.7	.7	.6								2.6	7.9
NW	.4	.2	.4	.2								1.3	6.4
NNW		.4	.6	.2								1.1	7.2
VARBL													
CALM												.2	
	4.4	18.1	54.4	21.9	.7	.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

75-52

YEAR

JUN
MONTH

ALL WEATHERS
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	1.1								2.5	9.1
NNE	.2	.7	3.5	2.6	.2							7.2	10.1
NE	.4	.4	2.3	1.5	.6							4.4	11.1
ENE	.4	2.5	5.6	3.5	.2							11.7	9.3
E	.4	1.9	14.3	3.9								20.4	8.9
ESE	.2	1.7	11.5	3.3								16.3	9.1
SE	.7	.7	6.9	3.3	.4							12.0	9.6
SSE	.2	1.3	5.4	3.1								10.0	9.6
S	.2	.7	2.7	1.9								4.8	9.5
SSW			.6	.4	.2							1.1	12.7
SW	.2	.4	.9	.2								1.7	8.7
WSW		.4	.6	.7	.2							1.9	10.5
W	.2	.7	1.1	.2	.2							2.2	7.3
WNW		.2	.4	.2								1.1	8.0
NW		.2	.2	.4	.2							.9	11.2
NNW	.2	.2	.4									.7	5.8
VARBL													
CALM													
	2.8	12.6	56.5	26.1	2.5							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 74-83 YEARS JULY MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.1	.9	.6								3.1	7.0
NNE	.4	1.7	1.7	1.3	.2							5.4	7.9
NE	1.5	1.7	2.6	.6	.4							6.5	7.1
ENE	.3	2.6	3.7	.7								6.9	6.9
E	1.5	3.5	6.1	.7								11.9	6.8
ESE	1.1	7.1	4.6	.6								13.3	6.1
SE	.6	7.2	3.9	1.5								13.1	7.0
SSE	.4	5.2	5.4	2.6	.7							14.3	8.2
S	1.5	3.1	3.5	1.5	.2							9.8	7.3
SSW	1.1	1.3	1.9	1.1	.4							5.9	7.9
SW		.2	.7	.6								1.9	8.6
WSW	.4	1.2	.6									2.2	5.3
W	.6	.7	1.3	.2								2.8	6.7
WNW	.7	.2	.2									.6	5.3
NW													
NNW	.4	.4	.4									1.1	5.3
VARBL													
CALM												1.3	
	11.6	37.6	56.9	11.5	1.9							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FI
STATION NAME

78-83
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	1.7									3.1	4.5
NNE	1.7	1.7	1.7	.7								3.9	6.7
NE	1.7	2.0	1.7	.4								4.4	6.1
ENE	1.7	3.1	1.7									4.4	4.8
E	2.6	5.2	2.0	.2								10.6	5.3
ESE	1.7	3.7	1.7	.2								6.3	4.6
SE	2.1	7.6	1.5									11.1	5.0
SSE	2.4	6.0	2.2									11.5	5.0
S	5.4	9.6	3.0									18.0	4.7
SSW	2.6	1.7	2.4	.2								6.7	5.2
SW	1.7	2.7	1.7	.5								4.8	6.5
WSW	1.7	2.4	1.6	.4								4.1	5.7
W	1.5	3.7	1.3	.7								5.9	5.0
WNW	1.7	1.0	1.2									1.7	3.6
NW	1.6	.4										.9	3.2
NNW	1.6		.6									1.1	5.0
VARBL													
CALM												1.5	
	27.1	49.8	18.5	3.1								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

75-82

YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	.5										2.9	2.9
NNE	.5	.4										.9	3.2
NE	.9	.5										.9	3.8
ENE	1.1	.3	.4									2.1	3.8
E	2.7	1.9	.2									4.7	3.6
ESE	1.2	4.1	.5									6.5	4.1
SE	1.8	5.7	1.4									9.0	4.8
SSE	3.3	4.5	.7									9.0	3.9
S	5.5	11.1	2.7									19.5	4.2
SSW	1.8	5.6	2.7									10.0	5.0
SW	1.8	4.5	2.9	.2								9.3	5.7
WSW	1.3	5.7	2.9									10.4	5.3
W	2.7	3.0	1.6									7.3	4.9
WNW	1.1		.2									1.3	3.2
NW	1.3	.2										1.4	2.6
NNW	1.8	.2										2.0	2.4
VARBL													
CALM												3.0	
	32.3	49.1	15.4	.2								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONCITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	.5										2.9	2.5
NNE	.9	.4	.7									1.4	3.4
NE	.5		.6									.9	4.2
ENE	2.2	.7	.4									3.2	3.8
E	2.2	1.5	.2									4.1	3.6
ESE	1.0	2.2	.4									4.5	4.0
SE	3.5	3.8	.7									8.1	3.8
SSE	3.2	2.7	.2	.2								6.8	3.8
S	7.3	6.6	1.8	.4								16.1	4.2
SSW	3.4	6.1	1.5									11.1	4.5
SW	1.4	3.5	1.2									6.3	5.2
WSW	2.7	6.3	5.5									13.3	5.7
W	3.8	5.5	.7									10.9	4.2
WNW	2.7	1.2										3.2	3.1
NW	1.1	.2										1.3	3.0
NNW	2.2	.2										2.3	2.1
VARBL													
CALM												3.6	
	47.5	42.1	13.3	.5								120.0	4.1

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

707945 STATION KENNEDY SPACE CENTER FI STATION NAME 72-23 YEARS JUL MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	5										2.7	2.8
NNE	1.6	1.6										1.8	2.5
NE	1.6	1.7	5									2.9	4.3
ENE	6.0	1.6		2								1.4	4.5
E	2.7	1.2	1.4									5.9	4.6
ESE	1.2	1.8	1.2									4.3	5.1
SE	1.2	2.2	1.6	2								5.2	5.1
SSE	2.3	1.2	.4	.4								4.3	4.5
S	4.7	5.6	1.1									11.3	4.1
SSW	1.4	4.3	3.9									9.7	5.9
SW	1.8	3.9	3.4	2								9.3	5.8
WSW	2.2	5.7	3.9	2								11.8	5.7
W	2.2	5.4	2.3	2								13.1	4.5
WNW	2.9	2.1	.4									5.2	3.8
NW	2.2	1.9	.7									4.3	4.3
NNW	2.2	.7	.2	.2								3.2	3.9
VARBL													
CALM												3.6	
	36.1	37.8	21.1	1.4								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 78-83 YEARS JUL MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	1.3									2.9	5.9
NNE	.9	.9	.9									2.7	5.3
NE	.4	.9	1.1	.2								2.5	6.7
ENE	.5	.4	1.4	.7								3.0	7.8
E	.9	1.3	5.4	.9								8.4	7.7
ESE	.4	1.1	3.4	1.3								6.1	8.2
SE	.2	.7	3.2	.9								5.0	8.2
SSE	.2	1.1	2.2	.5								3.9	7.7
S	.9	3.4	4.7	1.3								10.2	7.0
SSW	.2	2.3	5.9	.7								9.5	7.4
SW	.9	4.8	6.9	1.8								14.0	7.4
WSW	1.3	4.1	5.6	.9								11.8	6.8
W	1.4	2.2	5.4	1.1								10.2	7.4
WNW	.5	1.6	.9	.4								3.4	6.1
NW	1.1	1.4	1.3									3.8	5.1
NNW	1.1	.7										2.5	4.7
VARBL													
CALM													
	11.1	28.3	51.6	11.6								100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

787945 STATION KENNEDY SPACE CENTER FI STATION NAME 78-83 YEARS 111 MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.0	.7									1.3	6.6
NNE		1.0	2.7									3.9	7.8
NE		1.0	2.7	.5								4.7	8.0
ENE		1.0	3.6	1.4								9.7	8.2
E	.0	4.1	9.9	3.6	.2							18.1	8.4
ESE	.5	.3	5.2	2.2								9.0	8.9
SE	.0	2.3	4.8	3.2								10.8	8.8
SSE	.0	.3	3.6	1.1								5.4	8.7
S	.3	1.3	4.1	.2	.2							6.3	7.6
SSW		2.3	3.8									5.9	7.5
SW	.7	2.0	3.6	2.2								8.6	8.4
WSW	.2	1.9	3.6	1.4								7.0	8.4
W	.7	1.1	2.7	1.1								5.6	7.7
WNW	.2	.7	.5	.4								1.8	7.2
NW	.4	.4	.4									1.1	5.5
NNW	.4	.5		.2								1.1	5.5
VARBL													
CALM													
	4.7	22.4	54.8	17.7	.4							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

78-83

YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.4	.4	.4								1.1	9.0
NNE		.4	1.2	.5								2.2	9.1
NE	.2	.5	2.2	.5								3.4	8.2
ENE	.4	.4	3.9	1.1								6.3	8.7
E	.7	3.4	13.1	3.8								21.0	8.5
ESE		1.7	12.7	4.8								18.1	9.2
SE	.3	1.4	9.7	3.4								14.3	8.9
SSE	.3	1.1	4.7	3.2	.2							9.7	9.5
S	.2	1.1	1.4	.9	.2							3.6	8.4
SSW	.7	.2	1.1	.2	.2							2.2	9.2
SW	.2	.2	1.3	.7								2.3	8.8
WSW	.7	.2	3.4	1.3	.2							5.7	8.5
W	.5	1.1	1.3	1.4	.5							4.8	9.4
WNW	.2	.4	.7	.5	.4							2.2	10.0
NW	.2	.2	.4	.2	.2							.7	7.5
NNW	.5	.4	.7	.7	.2							2.5	9.1
VARBL													
CALM													
	4.8	13.3	56.6	23.7	1.6							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL METEOROLOGY BRANCH
AFETAC
AFETAC SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 74791 KENNEDY SPACE CENTER FL STATION NAME 75-83 YEARS MONTH JULY

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.1	.5	.2								2.5	5.1
NNE	.9	1.3	.9									3.0	5.1
NE	.2	.3	.4									1.8	4.1
ENE	1.1	1.3	.7	.5								3.6	5.8
E	1.4	6.1	4.5	.7								12.7	6.3
ESE	1.1	5.4	6.1	.9								14.7	6.6
SE	.7	7.1	6.5	.7								14.9	6.5
SSE	.4	5.4	4.3	1.4								11.5	7.3
S	1.8	4.8	5.7	.9								12.5	6.5
SSW	.5	2.3	1.3	.4								4.5	5.5
SW	.4	.7	.4	.5								2.0	6.8
WSW	.3	.9	2.1	1.7	.2							4.3	8.7
W	.3	3.1	2.2	.7	.4							7.2	7.1
WNW	.9	.9	.7									2.5	5.1
NW	.2	.2	.2									.4	5.0
NNW	.4	.4	.2									.9	5.1
VARBL													
CALM												1.1	
	12.9	42.7	35.7	8.1	.5							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 78-83 YEARS JUL MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥5'	%	MEAN WIND SPEED
N	1.1	.4										1.4	2.8
NNE	1.3	.9										2.2	3.6
NE	.5	1.3	.4									2.2	5.2
ENE	1.4	1.1	.2									2.7	3.6
E	1.6	5.7	.7	.2								8.2	4.7
ESE	1.6	5.4	2.2									9.1	5.1
SE	2.1	8.1	2.9									12.0	5.1
SSE	2.2	7.2	1.1									10.4	4.8
S	4.1	9.5	2.2	.2								15.9	4.8
SSW	1.2	4.8	3.8	.4								10.8	5.8
SW	1.3	2.1	1.6	.2								5.0	5.6
WSW	.9	2.5	2.9	.4								6.6	6.4
W	1.4	3.9	1.6									7.0	5.1
WNW	.4	.8		.2								1.4	4.8
NW	.1	.1	.2									.4	5.5
NNW	1.6	.4			.2							2.2	4.0
VARBL													
CALM												2.5	
	21.1	54.1	18.6	1.4	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-83
YEARS

ALL WEATHER
CLASS

AUG
MONTH

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.5										2.0	2.0
NNE	1.4	.5		.5								2.5	4.8
NE	.4	.7										1.1	3.8
ENE	3.0	.0	.4	.4								4.7	4.0
E	6.3	2.0	1.2	.4								9.5	3.6
ESE	7.2	2.2	.2	.4								5.9	4.1
SE	3.9	2.2	.5									7.7	3.7
SSE	4.7	3.8	.2									8.6	3.4
S	4.1	6.5	1.1									11.6	4.2
SSW	1.2	3.7	2.7	.5								7.3	5.6
SW	1.4	3.0	.7									4.5	4.3
WSW	1.2	1.4	.7									3.9	3.7
W	1.8	2.5	.2									4.5	3.8
WNW	2.3	1.1	.2									3.4	3.1
NW	1.8											2.0	2.6
NNW	2.2											2.2	2.5
VARBL													
CALM												18.6	
	41.6	21.4	6.6	1.8								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747045
STATION

KENNEDY SPACE CENTER F1
STATION NAME

78-83
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	.7										3.6	2.8
NNE	1.3	.7	.2	.2								2.5	4.6
NE	2.7	1.0	.2									3.6	3.7
ENE	2.7	2.7	.5	.5								5.7	4.5
E	4.7	3.7	.2									7.9	3.5
ESE	3.7	1.4	.2	.4								5.2	3.8
SE	2.5	.5										3.0	2.7
SSE	3.6	.7	.4									4.7	3.1
S	5.6	2.7	.5									8.8	3.2
SSW	1.6	5.9	.6	.5								8.4	4.5
SW	1.6	3.7	.7	.7								5.4	5.2
WSW	3.6	2.9	.7									7.2	3.8
W	2.5	2.5	.4									5.4	3.6
WNW	2.5	.6	.2									3.0	2.4
NW	2.7	.9										3.6	2.6
NNW	2.2	.5										2.7	2.8
VARBL													
CALM												19.4	
	45.4	29.6	3.8	2.3								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/IAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 78-82 YEARS AUG MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.3	.2									5.6	3.4
NNE	1.2	1.3										3.0	3.4
NE	2.9	1.6	.7	.2								5.4	3.8
ENE	4.5	1.6	1.1	.7								7.9	4.3
E	5.7	3.4	.4	.7								10.2	4.0
ESE	2.5	1.6	.5									4.7	3.7
SE	2.5	1.1	.4									3.4	4.0
SSE	1.9	2.0										3.4	3.6
S	2.9	1.8	1.3	.4								6.3	4.7
SSW	1.1	2.2	1.8	.4								5.4	6.0
SW	1.6	3.2	1.1	.4								6.3	5.4
WSW	1.6	3.6	1.3									6.5	5.0
W	3.1	2.2	.4									5.6	3.7
WNW	1.2	1.1	.2									3.0	3.2
NW	2.5	1.1	.4									3.9	3.3
NNW	2.5	.2										3.4	2.8
VARBL													
CALM												16.1	
	41.9	33.8	9.5	2.7								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.0	.5									2.9	4.6
NNE	1.3	1.6	2.2	.2								5.2	5.7
NE	.7	2.9	2.7									6.3	5.9
ENE	1.1	2.7	2.5	1.4								7.9	6.9
E	1.6	2.7	5.7	.7								10.0	6.7
ESE	.5	3.0	4.6	.7	.2							9.7	7.5
SE	.7	2.5	4.1	.9								8.2	7.3
SSE	.2	2.7	1.6									4.5	5.0
S	1.1	1.6	2.7	.5								5.4	6.7
SSW	2.7	2.7	1.6	.2								6.1	5.3
SW	.7	2.9	4.1	.9								8.6	6.9
WSW	1.1	4.3	2.9									8.2	5.5
W	1.3	3.7	2.3	.4								7.5	5.0
WNW	1.9	1.3	.4									3.4	3.9
NW	.1	1.1	.7									2.9	4.7
NNW	.5	1.1	.2	.2								2.0	5.1
VARBL													
CALM												1.3	
	17.7	37.1	37.6	6.1	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

558

GLOBEAL CLIMATOLOGY SPATCH
USAFETAC
AIR WEATHER SERVICE/NAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 78-P3 YEARS AUG MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.1	.5								2.5	7.8
NNE	.7	1.3	5.0	.4								7.5	7.2
NE	.9	3.8	5.1	1.4								11.1	7.2
ENE	.9	2.1	6.8	1.8								11.5	7.7
E	.4	4.5	10.9	2.3								18.1	7.9
ESE	.7	2.3	8.2	4.3	.2							15.8	9.1
SE	.2	2.1	5.1	.7								7.9	8.2
SSE	.2	.9	2.0	.5								3.4	7.4
S	.9	.9	1.3	.2								2.3	7.4
SSW	.7	2.2	.7	1.1								4.5	6.7
SW	.4	2.1	3.5	.4								5.2	6.8
WSW	.4	2.3	.7	.4								3.8	6.0
W	.4	1.9	.9	.5								3.6	6.9
WNW	.2	.4	.9									1.4	7.9
NW	.2	.5	.2									.9	5.6
NNW	.2	.2		.2								.5	5.7
VARBL													
CALM													
	5.9	28.0	51.3	14.7	.2							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 72-83 YEARS ALL WEATHER CLASS

ALL MONTH

1500-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.3	1.6	.5								3.4	7.3
NNE	.2	.7	2.0	.9								3.8	8.5
NE	.2	1.0	3.4	.7								6.1	7.7
ENE	.9	3.0	7.0	2.0								13.3	7.9
E	1.1	4.5	12.9	2.3								20.8	7.8
ESE	.4	1.4	9.5	4.5								15.8	9.3
SE	.9	2.7	8.4	1.8								13.8	8.0
SSE	.4	.0	2.3	1.1								4.7	8.3
S	.5	.9	1.1	.5	.2							3.2	7.8
SSW	.2	.5	.5	1.1								2.3	9.2
SW	.2	.9	1.3	.4								2.7	7.8
WSW	.5	1.4	1.1									3.0	5.6
W	.7	.5	.9	.9								3.0	7.8
WNW	.2	.5	.2	.4								1.3	7.4
NW	.2	.5	.5	.2								.9	9.0
NNW	.7	.7	.7									1.6	4.1
VARBL													
CALM												.4	
	7.3	21.9	53.0	17.2	.2							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

AIR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7	.4	.4								2.5	5.4
NNE	.7	1.6	1.3	.7								4.3	6.6
NE	.9	2.0	.4	.2								3.4	5.2
ENE	1.3	3.3	1.6	.2								7.0	5.6
E	5.4	8.8	3.9	.2								18.3	4.8
ESE	2.2	6.6	2.9	.7								12.4	5.6
SE	2.3	7.9	4.1	1.3								15.6	6.1
SSE	.7	3.6	1.8									6.1	5.6
S	2.7	3.8	.9	.2								7.5	4.6
SSW	.7	3.2	1.3	.5								5.7	6.2
SW	.5	1.8	.5	.2								3.0	5.6
WSW	.5	1.1	.4									2.0	4.6
W	.5	1.8	.7	.4	.2							3.6	6.8
WNW	.5		.4	.2								1.1	6.3
NW	.4	.5		.2								1.1	5.2
NNW	.4	.4	.2									.9	4.2
VARBL													
CALM												5.6	
	21.1	47.3	20.6	5.2	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-83

YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.1										3.4	2.9
NNE	.3	1.0	.5									2.9	5.1
NE	.5	2.1	.2									2.7	4.3
ENE	1.8	1.6	.7	.4								4.3	5.3
E	3.6	6.5	.7	.2								12.2	3.7
ESE	3.2	6.5	.7									10.4	4.3
SE	2.9	5.7	.9									8.8	4.3
SSE	2.8	6.1	.7	.2								9.9	4.5
S	7.9	5.4	.7									10.0	4.7
SSW	1.9	3.1	1.8	.4								7.0	5.7
SW	.4	1.1	.7									2.2	5.2
WSW	1.1	2.1	.4	.2								3.6	4.7
W	2.5	1.8										4.3	3.3
WNW	1.1	.2										1.3	2.7
NW	1.1	.4	.2									1.6	2.9
NNW	.5	.3										1.1	3.5
VARBL													
CALM												14.5	
	22.7	44.0	7.5	1.7								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747943 STATION KENNEDY SPACE CENTER FL STATION NAME 73-83 YEARS SEP MONTH

ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.2	.5									7.2	3.5
NNE	1.3	1.7	.2	.2								3.5	4.6
NE	1.7	.6	1.7	.7								4.6	6.3
ENE	3.6	1.7	.4	.5								5.2	5.2
E	6.5	6.1	.9									13.5	3.8
ESE	2.4	2.0	.2	.2								5.6	4.2
SE	1.7	3.7	.7									5.4	4.4
SSE	1.7	.9	.4									2.6	3.5
S	3.7	3.9	1.5	.4								9.4	4.9
SSW	.7	1.1	2.2									4.1	6.5
SW	.9	.9	.6	.2			.2					2.8	6.9
WSW	1.1	1.7	.6					.4				3.7	7.6
W	2.0	1.7	.2									3.5	3.5
WNW	2.8	.9	.2									3.9	3.1
NW	.9	1.9										2.8	4.2
NNW	1.5	.5	.6									2.6	3.9
VARBL													
CALM												19.6	
	35.4	37.7	11.1	2.6			.2	.4				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.3	2.4	.6									7.2	3.8
NNE	1.0	1.7	.6									4.1	4.0
NE	1.7	1.3	1.3	.4								4.6	5.5
ENE	.9	1.0	.4	.9								4.1	6.6
E	4.6	5.7		.2								10.6	3.9
ESE	1.1	1.9	.2									3.1	4.1
SE	1.7	2.0	.2									3.9	3.8
SSE	1.3	.9	.4	.7								2.8	4.6
S	3.7	3.1	1.5	.2								8.5	4.4
SSW	1.5	1.0	1.5	.4								5.2	6.0
SW	1.3	.9	.4	.2			.6					3.3	8.5
WSW	1.5	1.3										2.8	3.5
W	2.4	1.7										4.1	3.0
WNW	3.1	1.1	.3									4.8	3.2
NW	4.2	3.0										7.8	3.4
NNW	2.5	3.0	.4									5.9	3.7
VARBL													
CALM												17.2	
	39.3	33.7	7.8	2.4			.6					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

747945 STATION KENNEDY SPACE CENTER FI STATION NAME 79-83 YEARS SEP MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	4.6	.6	.7								10.0	4.4
NNE	1.1	1.7	.9									3.7	4.8
NE	1.7	2.2	.6	.6	.4							5.4	6.1
ENE	2.8	1.9	1.5	.7	.2							7.0	5.7
E	3.3	4.1	1.5	.2								9.1	4.8
ESE	.7	1.7	.7									3.1	4.9
SE	.9	1.9	.2									3.0	4.7
SSE	.9	.7	.2	.7								2.6	6.4
S	3.2	2.7	1.5	.6								7.0	5.1
SSW	2.2	1.5	.9	.4		.2						5.2	5.5
SW	.4	1.3	1.5			.4						3.5	8.0
WSW	1.5	1.3	.4	.2								3.3	4.9
W	2.4	1.1	.6									4.1	4.0
WNW	.2	1.3	.2									3.5	3.3
NW	4.4	4.6	.4									9.4	3.7
NNW	2.2	2.3	.7	.2								6.5	4.7
VARBL													
CALM												13.5	
	23.7	35.2	12.2	4.3	.6	.6						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83
YEARS

SEP
MONTH

09000-11000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.5	3.5	1.1								10.2	6.3
NNE	.7	4.3	2.6	.2								7.8	5.9
NE	.7	3.0	2.8	.6								7.4	6.8
ENE	1.1	1.7	5.6	2.1	.4	.2						12.0	8.9
E	.9	3.7	6.7	2.4								13.7	7.8
ESE	.6	1.3	2.2	.6								4.6	7.0
SE	.7	1.3	2.4	.2								4.6	6.5
SSE	.7	.6	.7	.4								2.4	6.2
S	.6	1.5	1.9	.6	.2							4.6	7.5
SSW	.6	2.1	2.6	1.9								7.0	8.4
SW	.7	1.1	2.0	.6	.2	.4						4.4	9.2
WSW	1.1	2.4	.7									4.3	4.9
W	1.1	1.9	.6									3.5	4.7
WNW	.9	.6	.4									1.9	4.0
NW	1.3	1.7	.6									3.1	4.4
NNW	1.7	2.4	1.3	.9								6.3	6.2
VARBL													
CALM												2.0	
	15.	32.4	36.5	12.8	.7	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 78-83 YEARS SED NORTH

1200-1400
HOURS (L.M.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	4.3	2.8								9.1	9.3
NNE	.6	2.6	4.3	1.7								8.9	7.7
NE	.6	3.3	7.2	2.4	.2							13.7	8.2
ENE	.4	5.2	9.8	2.2	.2		.4	.2				18.3	8.8
E	.6	2.6	12.2	2.4								18.0	8.2
ESE	.2	1.1	3.9	.7								5.9	7.7
SE	.4	.9	3.1	1.1								5.6	8.2
SSE		.7	1.7	.6								3.0	8.7
S	.2	.9	1.5	1.2								3.9	8.4
SSW	.2	.9	1.5	.9								3.5	8.7
SW	.2	.4	1.7	.9	.6							3.7	10.2
WSW	.6	.7										1.7	5.9
W	1.3	.7	.7	.2	.2							2.6	7.3
WNW	.4	.4	.4									1.1	4.8
NW	.2	.3		.2								.4	10.5
NNW	.2	.4	.4	.2								1.1	7.2
VARBL													
CALM												.6	
	4.6	22.6	52.6	18.0	1.1		.4	.2				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747045 STATION KEENEY SPACE CENTER FL STATION NAME YEARS 72-83 SEP MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	2.3	2.4								6.3	9.4
NNE	.5	1.3	4.6	1.9	.2							8.3	8.7
NE	.9	3.7	8.7	1.9	.2		.2					14.8	8.6
ENE	.7	4.1	8.5	2.4		.2	.2					16.1	8.3
E	1.5	6.9	12.4	2.8								23.5	7.6
ESE	.4	1.3	5.7	1.3								8.7	8.2
SE	.2	.6	2.4	.6								3.7	8.2
SSE		.2	3.3	1.9								6.1	9.4
S		.9	2.1	.6								3.5	8.1
SSW	.2	.7	.7	.4								2.0	7.0
SW		.6	.4		.6							1.5	10.8
WSW	.6	.6	.4	.7								2.2	7.5
W	.6	.6			.2							1.3	5.6
WNW			.2	.2								.4	10.5
NW				.2								.2	12.0
NNW	.4	.7										1.3	4.1
VARBL													
CALM													
	6.1	22.4	52.8	17.7	1.1	.2	.4					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIM/ TOLOGY CATCH
USAFETAC
ATP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

ARMEDY SPACE CENTER FI

STATION NAME

75-83

YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	6.4
NNE	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	5.5
NE	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	5.9
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	5.4
E	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	5.2
ESE	0.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	5.3
SE	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	5.3
SSE	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.6
S	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	6.3
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	5.5
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	8.4
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	6.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.7
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	6.2
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.5
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	5.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0
	22.0	42.0	11.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 73-87 YEARS SEP MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.2	1.7	.2								5.6	4.7
NNE	1.2	2.4	1.7	.4								6.7	5.3
NE	2.9	7.7	.9	1.3								8.0	5.6
ENE	2.9	1.7	1.3									5.4	4.6
E	9.4	7.8	3.1	.6		.2						16.1	5.3
ESE	2.2	2.9	1.9	.6								6.9	5.5
SE	2.1	3.7	.6									6.3	4.4
SSE	2.7	3.7	.7									6.5	4.4
S	4.1	3.7	1.7	.2								8.9	4.6
SSW	1.1	1.9	.6	.7								4.3	6.1
SW		1.7	.6									1.9	5.8
WSW	.6	.7	.6									1.9	5.6
W	1.9	1.1		.2								2.8	3.9
WNW	.8	.2										.7	3.3
NW		.4	.2									.6	6.0
NNW	.9	.2	.2									1.3	3.4
VARBL													
CALM												16.5	
	51.7	34.9	14.6	3.9			.2					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY RESEARCH
USAFETAC
AID WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 78-83 YEARS OCT MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.2	1.3	.4								11.3	6.6
NNE	2.7	2.0	1.3	.7								6.6	5.5
NE	2.3	2.2	1.1	.9								6.5	5.6
ENE	1.4	5.7	1.8	.0								9.9	5.9
E	3.4	5.7	3.0	.0								16.1	6.1
ESE	.5	1.4	.4	.5								2.9	6.0
SE	2.5	1.8	.2	.2								4.7	4.1
SSE	2.2	.3	.3	.2								3.4	3.9
S	1.8	3.3	.5									4.7	4.2
SSW	.5	.2	.2									.9	3.4
SW	1.1	.6	.4									2.3	3.9
WSW	.4	.7	.5									1.6	4.9
W	2.3	2.2	1.3									5.7	4.3
WNW	2.7	3.4	1.4									7.5	4.4
NW	2.3	2.0	.9									4.8	4.4
NNW	1.4	2.2	.4	.4								4.5	5.0
VARBL													
CALM												13.6	
	27.8	36.0	17.6	5.0								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 75-87 YEARS OCT MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.5	1.9	.4								9.5	4.9
NNE	3.4	3.0	.7	.5	.2							7.9	5.0
NE	2.2	4.1	.5									6.8	4.4
ENE	1.5	3.6	2.5	1.8								9.5	6.2
E	3.2	5.0	3.9	1.1								14.2	5.8
ESE	.2	1.4										1.6	4.4
SE	.4	2.2	.4									2.9	4.9
SSE	1.6	1.4										3.0	3.6
S	.5	.7	.5									1.8	4.8
SSW	.2	.5	.5									1.3	5.5
SW	1.4	1.3	.4									3.0	4.0
WSW	1.3	1.3	.2									2.7	4.2
W	2.0	2.1										3.9	3.4
WNW	1.3	1.3	.7	.2								4.5	4.4
NW	2.5	3.9	1.8	.2								8.8	5.2
NNW	3.4	1.9	.5	.2								5.9	4.1
VARBL													
CALM												12.7	
	22.4	38.7	14.5	4.1	.5							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 552

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.6	1.3									9.7	4.7
NNE	2.9	2.0	1.4	.9	.4							8.4	5.8
NE	.0	3.4	4.1									5.4	5.0
ENE	1.8	3.2	3.4	2.3	.2							11.5	7.2
E	1.6	3.6	4.7	.2								10.0	6.1
ESE	.7	.9	.4	.2								2.2	5.1
SE	.2	1.1	.7									2.0	5.7
SSE	1.1	1.4	.4									2.9	4.3
S	.7	1.1	.4									2.2	4.3
SSW	.4	.7	.4	.2								1.6	5.9
SW	.7	.5	.5									1.8	5.0
WSW	1.3	.9	.5									2.7	4.3
W	3.2	1.8	.2									4.1	3.6
WNW	3.2	2.5	.4									6.1	3.8
NW	3.7	4.5	1.8	.9								10.2	5.3
NNW	2.7	5.7	2.7	.5								9.5	5.5
VARBL													
CALM												10.6	
	24.7	39.6	19.4	5.2	.5							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

558

GLOEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/DAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 75-87 YEARS OCT MONTH

0900-1100
HOURS (L.S.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.3	4.7	1.6								9.7	7.5
NNE	.7	3.0	4.5	2.5								10.0	8.7
NE	.2	2.5	6.1	3.6								12.4	9.1
ENE	.5	2.7	5.7	5.0								13.6	9.3
E	.5	2.1	6.8	3.9	.2							13.4	9.2
ESE	.4	.3	2.2	1.4								4.8	8.4
SE		.7	.9	1.1								2.7	8.9
SSE	.5	.4	1.1	.1								2.3	7.4
S	.2	.5	.4	.1								1.6	8.1
SSW	.2	.7	1.7	.4								2.5	7.4
SW	1.2	.4	1.1	.5								3.2	5.5
WSW	.4	1.4	1.3	.2								3.2	6.1
W	.4	2.3	1.4									4.1	6.2
WNW	.5	2.2	1.6	.4								4.7	6.2
NW	.4	2.3	1.8	1.3								6.3	7.5
NNW	.4	1.4	2.5	.5								4.8	7.2
VARBL													
CALM												.5	
	7.7	25.1	42.8	23.7	.2							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/1AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

72-83

YEARS

OCT
MONTH

ALL WEATHER

CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.1	6.1	2.7	.2							10.0	9.4
NNE	.2	2.5	4.3	4.7	.5							12.2	9.7
NE	.2	5.4	9.0	4.8	.5							17.9	9.3
ENE	.4	.9	7.2	6.6								15.1	10.0
E	.4	.0	5.9	4.8	.2							12.2	9.7
ESE		1.1	2.7	2.7								5.7	9.2
SE		.2	1.4	1.1								2.7	10.0
SSE		.5	1.3	.7								2.5	9.4
S	.7	.2	.4									.7	7.0
SSW		.2	.7	.5								1.4	9.1
SW	.4	1.3	1.1									3.2	5.6
WSW	.4	1.6	1.8									3.8	6.1
W		1.6	1.4	.2								3.2	7.2
WNW		.5	2.5	.4								2.9	8.0
NW	.2	.7	1.4	.7								3.0	8.3
NNW		.9	1.7	1.1								3.2	9.2
VARBL													
CALM												.2	
	2.2	16.1	47.8	30.3	1.4							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 72-83 YEARS OCT MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.1	6.3	3.9	.9	.2						10.0	10.1
NNE	.1	3.6	6.6	2.9	.2							14.0	8.3
NE		4.9	9.7	6.3	.5							21.3	9.2
ENE		2.5	8.8	3.6	.2							15.1	9.1
E	.2	4.7	8.2	2.7								15.8	8.2
ESE	.5	1.9	2.7	.5								5.2	7.2
SE	.2	.7	.9	1.6								3.4	9.3
SSE	.4	.9	.5	1.3								3.0	8.6
S	.5	.7		.7								.9	4.4
SSW	.4	.2										.5	2.7
SW	.9	.5	.2									1.1	5.0
WSW	.5	.3	1.1	.2								2.3	6.2
W	.2	1.3	.4	.2								2.5	6.3
WNW	.5	1.1	.7	.2								2.5	6.3
NW		.4	.9	.2								.9	8.4
NNW		.5	.4	.9								1.3	8.7
VARBL													
CALM												.2	
	4.5	25.1	44.8	24.7	1.3	.2						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747045
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-83
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.9	2.0	1.1	.4							10.6	6.8
NNE	2.5	4.8	3.3	1.3								12.4	6.4
NE	2.2	3.4	3.2	2.2								15.9	6.4
ENE	1.1	4.3	4.7	2.3								12.9	7.2
E	3.3	7.7	4.5	.7								16.7	5.7
ESE	.7	2.9	.7	.5								4.8	6.1
SE	.9	2.9	1.6									5.4	5.6
SSE	1.6	2.7	.2									3.8	3.9
S	.5	1.1										1.6	4.0
SSW	.6	.2										.7	3.3
SW	.7	.2										.9	1.8
WSW	.2	1.4	.4									2.0	4.9
W	.7	.5	.2									1.4	4.0
WNW	.2	.3	.2	.2								1.1	5.5
NW	.4	.3		.4								1.3	6.6
NNW	.5	1.4	.4		.2							2.5	5.8
VARBL													
CALM												6.1	
	17.7	44.3	22.8	3.6	.5							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83

YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7	2.2	.5	.0							7.2	6.7
NNE	1.1	2.2	3.8	.5								8.4	6.6
NE	3.2	4.7	1.4	1.1	.2							10.6	5.6
ENE	1.1	4.7	1.8	2.2								9.7	7.1
E	4.1	9.2	5.9	2.7	.2							22.2	6.3
ESE	1.9	2.1	1.1	.4								5.2	4.8
SE	.5	1.1	1.3									2.9	6.1
SSE	1.1	2.1	.2									3.2	3.9
S	1.4	1.0	.4									3.2	4.1
SSW	.9	.7	.4									1.4	4.1
SW	.7	.0	.2									1.3	3.9
WSW	1.3	1.6	.4									3.0	4.5
W	.2	1.9	.5									2.5	5.1
WNW	.9	1.1	.7									2.7	5.1
NW	.5	.0	.2	.2								1.8	4.9
NNW	1.0	1.1	.5									3.0	3.9
VARBL													
CALM												11.6	
	21.5	37.6	21.0	7.5	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

747245
STATION

KENNEDY SPACE CENTER FL
STATION NAME

76-83
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	3.7	1.9	.4								7.6	5.1
NNE	1.7	1.7	1.3	.6								4.8	5.9
NE	.7	2.4	1.1	.7								5.5	6.7
ENE	.9	2.8	1.9	2.6								8.1	7.7
E	2.5	2.8	2.4									7.8	4.8
ESE	2.4	3.7	1.1	.4								6.9	5.9
SE	.6	.6	.7									1.9	5.4
SSE	1.7	2.9	.4	.4								5.2	4.7
S	1.7	4.4	.4									6.5	4.5
SSW	.7	1.1	.9	.6								3.3	6.7
SW	.6	.4	.6									1.5	5.5
WSW	.6	.9	.9									2.4	5.4
W	2.9	2.4	1.3									6.5	4.5
WNW	2.1	2.9	2.8									8.7	5.9
NW	2.4	4.6	2.8	1.7								11.1	6.7
NNW	.7	3.1	.6	.7								5.9	4.5
VARBL													
CALM												6.9	
	26.5	38.7	20.9	7.0								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 78-83 YEARS NOV MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.5	.2	.2								5.7	4.3
NNE	.7	2.4	1.5	.7								5.4	6.6
NE	1.1	2.2	.9	.6								5.2	5.3
ENE	.7	2.4	2.6	1.2								7.0	7.3
E	2.2	3.7	1.3									7.0	4.8
ESE	1.1	.6	1.3	.2								3.1	5.9
SE	1.2	1.1	.9									3.3	5.1
SSE	.9	2.5	.4									3.3	5.2
S	1.3	2.8	1.2	.2								5.6	5.0
SSW	.6	1.1	.7	.2								2.6	5.7
SW	.4	1.2	.4									2.0	4.8
WSW	1.7	.9	.9	.2								3.7	5.0
W	2.4	2.6	.6	.2								5.7	4.5
WNW	3.9	2.9	1.7	.9								9.3	5.1
NW	2.3	3.9	4.1	.9								12.2	6.0
NNW	1.7	5.4	1.9	1.1								10.0	6.0
VARBL													
CALM												8.7	
	24.9	39.2	20.6	6.7								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL

STATION NAME

78-83

YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.6
NNE	.9	1.0	1.5	.6	.0	.0	.0	.0	.0	.0	.0	4.8	6.3
NE	.6	3.0	1.5	.4	.0	.0	.0	.0	.0	.0	.0	5.4	6.7
ENE	.0	3.3	2.0	1.5	.0	.0	.0	.0	.0	.0	.0	7.4	7.0
E	1.1	3.1	1.7	.4	.0	.0	.0	.0	.0	.0	.0	6.1	5.7
ESE	.7	1.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	2.6	5.8
SE	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.3	5.4
SSE	.0	1.1	.7	.8	.0	.0	.0	.0	.0	.0	.0	3.3	6.3
S	1.7	1.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.9
SSW	.7	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.7
SW	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0
WSW	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.6
W	1.0	1.7	1.2	.2	.0	.0	.0	.0	.0	.0	.0	5.0	5.0
WNW	2.1	5.6	2.0	.4	.0	.0	.0	.0	.0	.0	.0	10.0	5.3
NW	1.4	5.9	4.4	2.0	.0	.0	.0	.0	.0	.0	.0	17.2	6.0
NNW	3.0	5.1	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	11.3	5.5
VARBL													
CALM												8.1	
	22.6	39.1	21.5	2.5								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 747045 KENNEDY SPACE CENTER FL STATION NAME YEARS 75-83 NOV MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	3.0	5.4	3.0								13.1	8.4
NNE	.4	1.7	2.4	1.0								6.3	8.7
NE	.2	1.0	1.5	1.2	.2							5.0	8.1
ENE		.0	3.0	2.4	.4							6.7	10.3
E	.4	1.5	4.1	2.2								8.1	8.9
ESE	.2	1.7	1.7	1.1								4.6	8.0
SE		2.0	1.0	2.0								5.9	8.9
SSE	.2	.7	1.5	.0								2.6	6.9
S	.1	1.7	1.3	1.0								5.9	7.7
SSW	.6	.9	1.7	1.1								4.3	8.1
SW	.4	.9	.7	.6								2.6	7.6
WSW	.4	1.5	.6									2.4	4.9
W	.4	1.5	2.0									3.9	6.3
WNW	.6	.9	.7	1.1								3.3	7.7
NW	2.4	3.0	3.7	3.3								13.3	7.3
NNW	.9	2.0	4.1	3.3	.2							10.6	8.8
VARBL													
CALM												1.3	
	3.9	26.7	36.1	26.3	.7							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

787945 STATION KENNEDY SPACE CENTER FI STATION NAME YEARS 78-83 MONTH NOV
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.0	5.7	2.9								17.4	10.2
NNE	.0	1.0	5.0	3.5								11.3	9.0
NE	.0	1.0	3.0	1.5								7.2	8.4
ENE		.0	3.7	.9	.6							6.1	9.9
E	.2	.7	3.0	2.8								7.6	9.4
ESE		1.5	3.5	.7								5.7	7.9
SE		1.3	3.7	1.9	.2							7.0	8.8
SSE		.7	2.1	4.8								7.7	11.1
S		.6	1.0	1.0	.2							4.4	10.3
SSW		.7	.7	1.1								2.6	9.8
SW	.5	.7	.9	.7								3.0	7.6
WSW		1.1	.0	.4								2.4	7.2
W	.7	.7	1.1	1.1								3.1	8.8
WNW	.7	.7	.7	1.5								3.7	9.8
NW	.5	1.7	1.9	.9								4.6	7.6
NNW		.0	2.0	3.1	.4							6.9	10.9
VARBL													
CALM												.6	
	2.3	18.0	41.7	35.7	1.3							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 78-82 YEARS NOV MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	4.3	8.0	7.6	.2							21.1	9.1
NNE	.7	3.7	3.7	2.0	.2							10.4	8.0
NE	.6	2.0	3.0	1.5	.2							7.6	7.8
ENE	1.3	2.2	3.5	.9								8.0	7.1
E	1.3	4.3	4.3	.9								10.7	6.6
ESE	.2	2.0	2.6	.4								5.2	7.0
SE	.4	.7	2.0	.6								4.6	7.9
SSE	.0	1.3	4.3	2.2								8.1	8.8
S	.6	.6	2.2	.2								3.5	7.1
SSW	.2	1.7	.7									2.2	6.3
SW		.4	.6	.2								1.1	8.2
WSW	.7	.7	.6	.6								2.0	8.3
W	.4	2.0	.7	.7								3.1	9.0
WNW	.0	1.5	.9	.9								3.7	7.6
NW	.4	.4	1.2	.4	.2							2.6	8.7
NNW	.4	.9	1.9	1.5	.4							5.0	9.0
VARBL													
CALM												.9	
	8.3	26.7	42.4	27.6	1.1							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 78-83 YEARS NOV MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	7.0	2.7	3.0								16.7	6.7
NNE	2.0	4.3	3.9	.9	.2							11.3	6.5
NE	1.6	1.7	2.0	.4								5.9	6.1
ENE	.9	2.0	1.2	1.1								5.7	6.7
E	2.1	4.4	1.9	.2								9.3	4.7
ESE	.9	2.9	1.9									5.6	5.9
SE	1.9	3.7	1.2									6.9	4.9
SSE	.6	4.8	1.9	.4								7.2	5.9
S	.6	1.2	.7	.2								2.8	5.5
SSW		.7	.7									1.5	6.3
SW		.7	.7									.7	9.1
WSW		.7	.4	.4								1.5	7.4
W	1.9	1.5	.6	.6	.2							4.6	5.9
WNW	.4	1.5	.7	.6								3.1	7.1
NW	.9	1.1	.9	.4								3.3	6.1
NNW	.9	2.9	.9	.6								5.2	5.7
VARBL													
CALM												8.7	
	18.9	47.7	22.8	8.5	.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 73-83 YEARS NOV MONTH

ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	5.7	3.0	1.3								13.0	5.9
NNE	1.5	3.1	1.1	1.5								7.2	6.9
NE	1.7	1.9	1.3	.9								5.7	5.9
ENE	2.4	1.9	2.0	.7								7.0	5.9
E	3.1	3.1	1.1									7.4	4.2
ESE	1.3	3.2	1.5	.2								6.9	5.2
SE	1.5	2.4	.9	.4								5.2	5.3
SSE	.7	3.2	1.3	.4								5.7	5.5
S	1.9	2.4	.2	.2								4.6	4.1
SSW	.7	.4	1.3									2.4	5.6
SW	.6	.6	.6	.2								1.9	5.2
WSW	.7	1.1	.6	.2								2.6	5.3
W	1.1	2.2	1.3	.2								4.8	5.2
WNW	3.1	2.2	1.1	.4								6.7	4.9
NW	1.7	2.0	2.0	.9								6.7	6.5
NNW	1.5	2.0	.4	.2								4.8	4.5
VARBL													
CALM												7.4	
	26.3	39.1	19.6	7.6								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FI STATION NAME 78-83 YEARS DEC MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	1.4	.5	.2							6.1	6.4
NNE	.9	.8	.5	.4								2.7	5.7
NE	.7	.5	1.1	.2								2.5	6.3
ENE	1.1	1.3	1.4	.2								3.9	6.0
E	.7	2.9	2.7	1.8								7.3	7.7
ESE	.7	1.5	.9	.2								3.4	5.6
SE	1.3	2.7	1.4									5.4	5.2
SSE	.5	3.3	.2	.2								4.8	4.8
S	1.0	2.9	3.8	.4								8.8	6.4
SSW	1.8	1.6	.9	.4								4.7	5.2
SW	1.3	.0	.5									2.7	4.3
WSW	1.4	1.1	.9									3.4	4.3
W	3.6	2.0	1.4	.4	.2							7.5	5.1
WNW	2.0	2.3	2.9	1.6								9.0	7.1
NW	3.4	3.6	3.0	2.0								12.9	6.9
NNW	1.1	2.7	2.9	1.4	.5							8.8	8.1
VARBL													
CALM												6.1	
	27.3	33.7	25.3	10.8	.9							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL 78-83 YEARS DEC MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	1.5	.4								5.7	5.6
NNE	.5	.7	.2									1.4	4.3
NE	1.4	.0	.5	.4								3.2	4.9
ENE	.7	2.3	.7	.2								3.9	5.5
E	1.3	2.1	1.3	1.6								6.6	7.2
ESE	1.5	1.6	1.2	.5								4.7	6.1
SE	.7	2.2	1.1									3.4	6.1
SSE	.9	1.4	.2									2.5	4.1
S	1.3	3.7	3.6	1.1								9.1	6.7
SSW	.7	1.3	1.3	1.8								5.0	8.2
SW	1.1	.2	.5	.7								2.0	5.1
WSW	.9	1.1		.2								2.2	4.7
W	2.5	3.7	.7	.2	.2							6.6	4.9
WNW	2.5	2.2	2.5	.5								7.7	5.6
NW	3.9	3.2	3.9	4.3	.7							15.9	8.0
NNW	1.3	4.7	3.9	2.3	.4							12.5	7.5
VARBL													
CALM												7.3	
	21.9	32.6	23.3	13.6	1.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 73-83 YEARS DEC MONTH

ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	1.2	.2								5.9	5.4
NNE	.2	.2	.5	.7								3.0	6.8
NE	.2	.5	.2	.4								2.0	5.6
ENE	.2	2.2	.5	.6								3.9	6.1
E	2.7	3.2	2.2	.9								8.2	5.7
ESE	1.6	1.6	.7									3.9	4.3
SE	.2	1.2	.8	.2								3.0	6.2
SSE	.5	1.4	.7	.4								3.0	6.3
S	1.6	3.4	3.9	.4	.2							9.5	6.7
SSW	.7	.2	1.3	1.6								5.0	8.9
SW	1.3	1.4	.4	.2								3.2	4.6
WSW	1.3	1.1	.2									2.5	3.6
W	1.6	2.2	.5	.4	.2							4.8	5.7
WNW	2.7	2.5	2.9	.5								8.6	5.9
NW	3.2	3.6	3.2	2.9	.5							14.0	7.6
NNW	2.1	5.6	3.9	1.6	.2							13.3	6.9
VARBL													
CALM												5.9	
	27.1	34.4	24.9	17.6	1.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-83
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.0	2.0	2.3	.2							10.0	7.5
NNE	.2	.0	1.0	.4								3.0	7.3
NE	1.3	1.0	.4	1.1								2.7	8.5
ENE	.5	1.1	1.0	.7								3.9	7.4
E	.4	1.0	3.0	1.6	.2							7.0	8.5
ESE	.4	.0	2.0	1.4								5.2	8.8
SE	.2	.5	1.6	.7								3.0	8.4
SSE	.5	.5	2.0	1.1								3.9	9.4
S	1.1	.4	2.0	5.4	.2							9.7	10.6
SSW	.5	2.0	1.4	2.0	.2							6.3	8.8
SW	.0	2.0	1.0	.4								4.7	6.3
WSW	.5	1.0	.5	.5								2.9	6.6
W	1.3	2.0	1.4	.5	.2							5.7	7.2
WNW	.0	.0	1.0	1.4								5.0	7.8
NW	1.4	3.0	2.0	4.8	.2							12.5	8.8
NNW	.5	2.0	5.0	4.5								12.7	9.3
VARBL													
CALM												1.6	
	2.9	26.3	31.9	29.2	1.1							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747045
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-83
YEARS

REC
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.2	5.0	5.6	.4							14.5	9.8
NNE	.7	2.5	3.2	1.4	.2							8.1	7.9
NE	.5	1.1	1.4	1.1								4.1	7.9
ENE		.7	1.6	.7								3.0	8.5
E	.5	2.3	2.7	.7	.5							6.8	8.0
ESE	.4	1.3	2.2	2.7								6.5	9.1
SE	.2	.2	1.4	2.3								4.1	11.1
SSE		.2	2.0	2.7								4.8	11.1
S	.4	.2	1.3	4.5								7.0	10.7
SSW	.4	1.8	2.2	2.3	.4							7.0	9.2
SW		2.3	2.7	1.3	.2							6.5	8.2
WSW	.4	1.3	.7	.7	.2							3.2	8.1
W	.4	2.2	1.4	1.6	.9							6.5	9.6
WNW	.7	.7	1.6	1.4	.2							4.7	8.8
NW	.2	.9	1.4	1.6								4.1	9.0
NNW	.4	.2	4.1	3.8	.7							9.1	11.0
VARBL													
CALM													
	5.6	20.6	35.2	34.4	3.6							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 72-83 YEARS DEC MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	4.7	7.9	5.7	.3							19.0	8.9
NNE	.4	2.9	3.2	1.2								7.7	7.6
NE	.4	2.7	2.7	.4								5.2	6.8
ENE	.7	3.2	1.1		.5							4.5	7.7
E	.9	2.1	3.2	1.1	.2							7.3	7.7
ESE	.7	1.9	2.1	1.2								5.7	7.6
SE	.3	1.9	2.2	1.6								5.7	8.4
SSE		1.6	3.6	2.5								7.7	9.3
S	1.1	.5	1.6	1.2								4.5	7.7
SSW	.4	1.1	1.3	.5								3.2	7.7
SW	.4	1.2	.7	.4	.4							3.0	7.8
WSW	.7	1.4	2.2	.2								4.5	6.5
W	.6	2.5	2.2	1.6	.7	.2						8.1	8.9
WNW		.9	1.4	.7	.2							3.2	9.3
NW		.4	.9	1.1								2.3	10.3
NNW		1.1	2.7	2.7	.2							6.6	10.0
VARBL													
CALM												1.6	
	7.2	28.5	38.0	22.2	2.2	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

747945 STATION KFNIEDY SPACE CENTER FL 78-83 YEARS DEC MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.9	6.1	2.5								17.2	6.9
NNE	1.1	.7	.9	.7								3.4	6.8
NE	2.1	1.1	1.1	.7								4.8	5.6
ENE	2.5	1.6	.5	.7								5.4	5.1
E	2.2	2.5	1.3	.9								7.2	5.9
ESE	.7	2.9	1.4	.2								5.2	5.7
SE	1.6	3.9	2.3	.2								8.1	5.5
SSE	.5	3.	2.3	.5								6.8	6.4
S	.7	1.6	.5	.3								3.0	5.6
SSW	.4	1.1	.7	.2								2.3	6.3
SW	.2	2.	1.1	.2								3.4	6.1
WSW	.5	.7	1.1									2.3	6.2
W	1.6	1.6	1.3	1.8								6.3	7.3
WNW	1.1	2.	.2	.7								3.9	5.9
NW	1.1	2.9	1.1	1.1								6.1	6.5
NNW	1.4	3.	1.6	1.3								7.3	6.6
VARBL													
CALM												7.2	
	21.1	36.4	23.5	11.8								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/KAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747045 STATION KENNEDY SPACE CENTER FL STATION NAME 73-23 YEARS DEC MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.2	4.1	3.2	1.7								10.8	6.5
NNE	0.1	1.4	.4	1.1								3.2	7.5
NE	.7	2.3	1.1	.7								4.5	6.7
ENE	.2	2.2	.2	1.0								4.3	8.2
E	1.8	2.3	1.2	1.1								6.6	6.4
ESE	1.5	3.3	1.6	.4								6.3	5.8
SE	.9	2.2	1.1									4.1	5.2
SSE	1.4	2.7	2.2									6.3	5.7
S	.1	1.6	3.6									7.2	5.8
SSW	.7	.4	.9	.2								2.2	6.5
SW	1.6	1.1	1.4	.5								4.7	5.8
WSW	1.1	.2	.7	.2								2.2	5.6
W	2.3	2.1	2.0	.5								6.5	5.7
WNW	1.6	2.2	1.6	.9								6.3	6.2
NW	1.2	4.3	.5	2.2								9.0	6.8
NNW	1.8	3.3	2.2	1.4	.2							8.4	7.0
VARBL													
CALM												7.7	
	20.2	34.4	24.7	12.2	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

558

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the >10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING											≥ 0
≥ 1800											
≥ 1500					91.0						92.6
≥ 1200											
≥ 1000											
≥ 900											
≥ 800											
≥ 700											
≥ 600											
≥ 500											
≥ 400									97.4		98.1
≥ 300											
≥ 200											
≥ 100											
0					95.4		96.9		98.3		100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 79-84 YEARS JAN MONTH

0000-0200 HOURS UST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	46.4	57.3	59.4	59.9	6.6	60.6	60.6	60.6	60.6	60.9	60.9	60.9	61.1	61.3
≥ 2000	51.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 1800	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 1600	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 1400	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 1200	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 1000	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 900	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 800	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 700	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 600	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 500	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 400	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 300	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 200	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 100	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0
≥ 0	61.4	62.5	64.1	65.4	66.2	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.8	67.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 75-84 YEARS JAN MONTH 0300-0500 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0
NO CEILING	42.3	56.8	59.4	59.7	60.4	60.4	60.4	60.6	60.6	60.9	60.9	61.1	61.1
≥ 20000	48.4	64.2	65.0	67.0	68.1	68.1	68.1	68.3	68.3	68.8	68.8	69.0	69.0
≥ 18000	48.4	64.2	65.0	67.0	68.1	68.1	68.1	68.3	68.3	68.8	68.8	69.0	69.0
≥ 16000	42.4	64.2	65.0	67.0	68.1	68.1	68.1	68.3	68.3	68.8	68.8	69.0	69.0
≥ 14000	48.4	64.2	65.0	67.0	68.1	68.1	68.1	68.3	68.3	68.8	68.8	69.0	69.0
≥ 12000	49.3	65.1	66.7	67.9	69.0	69.0	69.0	69.2	69.2	69.7	69.7	69.9	69.9
≥ 10000	53.3	70.1	71.7	72.9	74.0	74.0	74.0	74.2	74.2	74.7	74.7	74.9	74.9
≥ 9000	53.8	70.6	72.2	73.5	74.6	74.6	74.6	74.7	74.7	75.3	75.3	75.4	75.4
≥ 8000	54.1	71.1	72.6	73.8	75.3	75.3	75.3	75.4	75.4	76.0	76.0	76.2	76.2
≥ 7000	54.3	71.1	72.8	74.0	75.4	75.4	75.4	75.6	75.6	76.2	76.2	76.3	76.3
≥ 6000	54.3	71.1	72.8	74.0	75.4	75.4	75.4	75.6	75.6	76.2	76.2	76.3	76.3
≥ 5000	54.3	72.1	73.7	74.9	76.3	76.3	76.3	76.5	76.5	77.1	77.1	77.2	77.2
≥ 4500	56.5	74.7	76.5	77.8	79.6	79.6	79.6	79.7	79.7	80.3	80.3	80.5	80.5
≥ 4000	57.3	75.8	77.6	79.0	80.8	80.8	80.8	81.0	81.0	81.5	81.5	81.7	81.7
≥ 3500	58.6	78.1	79.7	81.2	83.0	83.0	83.0	83.2	83.2	83.7	83.7	83.9	83.9
≥ 3000	59.1	79.7	81.5	83.0	84.9	84.9	84.9	85.1	85.1	85.7	85.7	85.8	85.8
≥ 2500	59.3	81.8	83.8	84.4	86.4	86.4	86.4	86.6	86.6	87.1	87.1	87.3	87.3
≥ 2000	59.5	81.5	84.1	85.7	87.8	87.8	87.8	88.0	88.0	88.5	88.5	88.7	88.7
≥ 1800	59.5	81.7	84.2	85.8	87.8	87.8	87.8	88.0	88.0	88.7	88.7	88.9	88.9
≥ 1500	59.7	82.8	85.5	87.1	89.2	89.2	89.2	89.4	89.4	90.0	90.0	90.1	90.1
≥ 1200	60.2	83.7	86.4	88.2	90.3	90.3	90.3	90.5	90.5	91.0	91.0	91.2	91.2
≥ 1000	60.2	83.7	86.4	88.2	90.3	90.3	90.3	90.5	90.5	91.0	91.0	91.2	91.2
≥ 900	60.2	83.9	86.6	88.4	90.5	90.5	90.5	90.7	90.7	91.2	91.2	91.4	91.4
≥ 800	60.4	84.1	86.7	88.5	90.7	90.7	90.7	90.9	90.9	91.4	91.4	91.6	91.6
≥ 700	60.4	84.4	87.1	88.9	91.4	91.4	91.4	91.6	91.6	92.1	92.1	92.3	92.3
≥ 600	60.4	84.6	87.3	89.1	92.1	92.1	92.1	92.3	92.3	92.8	92.8	93.0	93.0
≥ 500	60.4	85.1	87.8	89.6	92.7	92.7	92.7	93.0	93.0	93.5	93.5	93.7	93.7
≥ 400	60.4	85.3	88.1	89.8	93.2	93.2	93.2	93.4	93.4	93.9	93.9	94.1	94.1
≥ 300	60.4	85.3	88.0	89.8	93.2	93.2	93.2	93.4	93.4	93.9	93.9	94.1	94.1
≥ 200	60.4	85.3	88.4	90.1	93.5	93.5	93.5	93.7	93.7	94.2	94.2	94.4	94.4
≥ 100	60.4	85.3	88.4	90.1	93.5	93.5	93.5	93.7	93.7	94.2	94.2	94.4	94.4
≥ 0	60.4	85.3	88.4	90.1	93.5	93.5	93.5	93.7	93.7	94.2	94.2	94.4	94.4

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIF WEATHER SERVICE/IFAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-24

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	51.2	46.4	43.7	48.9	50.2	50.7	52.0	52.5	52.5	52.7	52.7	53.8	53.8	54.1	55.0
≥ 20000	37.5	55.7	57.0	59.0	60.2	60.8	62.2	62.7	62.7	63.3	63.3	64.3	64.3	64.9	65.8
≥ 18000	37.6	56.5	58.6	59.7	60.9	61.5	62.9	63.4	63.4	64.0	64.0	65.1	65.1	65.6	66.5
≥ 16000	37.6	56.5	58.6	59.7	60.9	61.5	62.9	63.4	63.4	64.0	64.0	65.1	65.1	65.6	66.5
≥ 14000	38.4	57.2	59.3	6.4	61.6	62.2	63.6	64.2	64.2	64.7	64.7	65.8	65.8	66.3	67.2
≥ 12000	38.9	58.4	60.6	61.6	62.9	63.4	64.9	65.4	65.4	65.9	65.9	67.0	67.0	67.6	68.5
≥ 10000	4.7	62.2	64.3	65.4	66.7	67.2	68.6	69.2	69.2	69.7	69.7	70.8	70.8	71.3	72.2
≥ 9000	41.2	63.1	65.2	66.3	67.7	68.3	69.7	70.3	70.3	70.8	70.8	71.9	71.9	72.4	73.3
≥ 8000	41.6	63.6	65.8	67.1	69.0	69.5	71.1	71.5	71.5	72.0	72.0	73.1	73.1	73.7	74.6
≥ 7000	42.5	64.7	66.8	68.1	70.1	70.6	72.2	72.6	72.6	73.1	73.1	74.2	74.2	74.7	75.6
≥ 6000	42.7	65.1	67.2	68.5	70.4	71.0	72.4	72.9	72.9	73.5	73.5	74.6	74.6	75.1	76.0
≥ 5000	42.7	65.4	67.6	68.8	70.8	71.3	72.8	73.3	73.3	73.8	73.8	74.9	74.9	75.4	76.3
≥ 4500	43.3	66.8	69.0	70.3	72.2	72.8	74.2	74.7	74.7	75.3	75.3	76.3	76.3	76.9	77.8
≥ 4000	43.7	67.7	69.9	71.1	73.1	73.7	75.1	75.6	75.6	76.2	76.2	77.2	77.2	77.8	78.7
≥ 3500	45.3	7.4	72.8	74.2	76.2	76.7	78.1	78.7	78.7	79.2	79.2	80.3	80.3	80.8	81.7
≥ 3000	45.7	71.5	73.8	75.3	77.2	77.8	79.2	79.7	79.7	80.3	80.3	81.4	81.4	81.9	82.8
≥ 2500	46.1	72.0	74.4	75.8	77.8	78.3	79.7	80.3	80.3	80.8	80.8	81.9	81.9	82.4	83.3
≥ 2000	46.8	74.1	76.2	77.8	79.9	80.5	82.1	82.6	82.6	83.2	83.2	84.2	84.2	84.8	85.7
≥ 1800	47.1	74.7	77.1	78.5	80.6	81.2	82.8	83.3	83.3	83.9	83.9	84.9	84.9	85.5	86.4
≥ 1500	47.7	76.2	78.5	79.9	82.1	82.6	84.2	84.8	84.8	85.3	85.3	86.4	86.4	86.9	87.8
≥ 1200	48.1	77.2	79.6	81.0	83.2	83.7	85.3	86.0	86.0	86.6	86.6	87.6	87.6	88.2	89.1
≥ 1000	48.2	77.6	80.1	81.7	83.9	84.4	86.2	86.9	86.9	87.5	87.5	88.5	88.5	89.1	90.0
≥ 900	48.4	77.8	80.3	81.9	84.1	84.6	86.4	87.1	87.1	87.6	87.6	88.7	88.7	89.2	90.1
≥ 800	48.6	78.1	81.1	82.8	85.1	85.7	87.5	88.2	88.2	88.7	88.7	89.8	89.8	90.3	91.2
≥ 700	48.8	78.9	81.7	83.7	86.4	86.9	88.7	89.4	89.4	90.0	90.0	91.0	91.0	91.6	92.5
≥ 600	48.8	78.9	81.7	83.9	86.9	87.5	89.2	90.0	90.1	90.7	90.7	91.8	91.8	92.3	93.2
≥ 500	48.8	79.2	82.1	84.2	87.5	88.0	89.8	90.5	90.7	91.2	91.2	92.3	92.3	92.8	93.7
≥ 400	48.8	79.6	82.4	84.8	88.9	89.4	91.4	92.1	92.3	92.8	92.8	94.1	94.1	94.6	95.5
≥ 300	48.8	79.6	82.4	84.8	88.9	89.6	91.6	92.3	92.5	93.0	93.0	94.6	94.6	95.2	96.1
≥ 200	48.8	79.6	82.6	85.1	89.2	90.0	92.5	93.4	93.5	94.3	94.8	96.4	96.4	97.0	97.8
≥ 100	48.8	79.6	82.6	85.1	89.2	90.0	92.7	93.5	93.7	94.4	95.2	97.0	97.0	98.4	99.8
≥ 0	48.8	79.6	82.6	85.1	89.2	90.0	92.7	93.5	93.7	94.4	95.2	97.0	97.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/IAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84
YEARS

JAN
MONTH

0000-1100
HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	33.9	48.2	48.6	40.9	40.6	49.6	49.8	49.8	49.8	50.2	50.2
≥ 20000	93.5	62.1	62.4	62.7	63.4	63.4	63.6	63.6	63.6	64.0	64.2
≥ 18000	43.5	62.9	63.4	63.8	64.5	64.5	64.7	64.7	64.7	65.1	65.2
≥ 16000	94.3	64.0	64.5	64.9	65.6	65.6	65.8	65.8	65.8	66.1	66.3
≥ 14000	45.2	65.8	66.3	66.7	67.4	67.4	67.6	67.6	67.6	67.9	68.1
≥ 12000	46.2	67.4	67.9	68.3	69.1	69.1	69.2	69.2	69.2	69.5	69.7
≥ 10000	48.4	70.4	71.1	71.5	72.2	72.2	72.4	72.4	72.4	72.8	72.9
≥ 9000	48.6	70.8	71.5	71.9	72.8	72.8	72.9	72.9	72.9	73.3	73.5
≥ 8000	49.8	72.8	73.5	73.8	74.9	74.9	75.3	75.3	75.3	75.6	75.8
≥ 7000	50.4	73.7	74.4	74.7	75.8	75.8	76.2	76.2	76.2	76.5	76.7
≥ 6000	50.7	74.0	74.7	75.1	76.3	76.3	76.7	76.7	76.7	77.1	77.2
≥ 5000	51.6	75.6	76.7	77.1	78.3	78.3	78.7	78.7	78.7	79.0	79.2
≥ 4500	52.5	77.2	78.3	78.7	79.9	79.9	80.3	80.3	80.3	80.6	80.8
≥ 4000	53.3	78.5	79.6	79.9	81.2	81.2	81.5	81.5	81.5	81.9	82.1
≥ 3500	54.1	79.4	81.1	81.4	82.6	82.6	83.0	83.0	83.0	83.3	83.5
≥ 3000	54.7	80.1	81.7	82.1	83.3	83.3	83.7	83.7	83.7	84.1	84.2
≥ 2500	55.2	81.0	82.6	83.2	84.6	84.6	84.9	84.9	84.9	85.3	85.5
≥ 2000	56.6	82.4	84.2	85.1	86.9	86.9	87.6	87.6	87.6	88.0	88.2
≥ 1800	56.3	82.8	84.4	85.3	87.3	87.3	88.1	88.1	88.1	88.4	88.5
≥ 1500	57.2	83.3	85.1	86.0	88.2	88.2	89.1	89.1	89.1	89.6	89.8
≥ 1200	57.5	84.9	86.7	87.6	89.8	89.8	90.7	90.7	90.7	91.2	91.4
≥ 1000	57.7	85.1	86.9	87.8	90.0	90.0	91.0	91.0	91.0	91.6	91.8
≥ 900	57.7	85.1	87.1	88.1	90.1	90.1	91.2	91.2	91.2	91.8	91.9
≥ 800	57.7	85.1	87.1	88.1	90.1	90.1	91.2	91.2	91.2	91.8	91.9
≥ 700	57.7	85.5	87.5	88.9	91.2	91.2	92.3	92.3	92.3	92.8	93.0
≥ 600	57.7	85.7	87.8	90.1	92.7	92.7	93.9	93.9	93.9	94.8	95.0
≥ 500	57.7	85.7	88.2	90.5	93.0	93.0	94.3	94.3	94.3	95.2	95.3
≥ 400	57.7	85.7	88.2	90.7	93.4	93.4	95.3	95.3	95.3	96.4	96.8
≥ 300	57.7	86.4	88.9	91.4	94.1	94.1	96.1	96.1	96.1	97.3	97.7
≥ 200	57.7	86.4	88.9	91.6	94.3	94.3	96.4	96.4	96.4	98.2	99.1
≥ 100	57.7	86.4	88.9	91.6	94.3	94.3	96.4	96.4	96.4	98.2	99.1
≥ 0	57.7	86.4	88.9	91.6	94.3	94.3	96.4	96.4	96.4	98.2	99.1

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATE LOG BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-84

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25
NO CEILING ≥ 20000	46.2	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 18000	58.6	66.5	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	58.6	67.0	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	59.3	68.1	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	60.4	69.4	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	63.8	72.9	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	65.9	76.3	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	67.1	78.0	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	67.2	79.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	67.6	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	67.7	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	68.3	80.1	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	70.1	83.0	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	71.4	83.5	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	71.3	84.9	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	72.0	86.2	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	72.8	87.8	88.7	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	74.2	90.5	91.4	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	74.4	90.7	91.6	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	74.7	91.1	91.9	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	74.7	91.2	92.1	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	74.7	91.2	92.1	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	74.7	91.4	92.3	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	75.1	91.8	92.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	75.1	91.9	93.2	94.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	75.3	92.3	93.7	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	75.3	92.3	93.7	95.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300	75.3	92.3	93.7	95.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200	75.3	92.3	93.7	95.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 100	75.3	92.3	93.7	95.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 0	75.3	92.3	93.7	95.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ 0
NO CEILING	43.5	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	82.2	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	62.3	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	62.2	67.1	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	63.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	65.2	70.6	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	67.4	74.4	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	68.1	75.4	75.8	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	68.5	76.7	77.1	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	68.5	76.9	77.2	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	68.8	77.2	77.6	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 5000	69.5	78.0	78.3	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	71.3	80.3	80.6	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	72.8	82.1	82.4	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	74.0	84.9	85.3	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	74.9	86.3	86.9	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	75.8	87.3	88.2	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	77.1	89.2	90.1	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	77.4	89.8	90.7	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	77.4	90.1	91.1	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	77.4	90.7	91.8	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	77.6	90.9	91.9	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	77.6	91.1	92.1	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	77.6	91.0	92.3	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	77.6	91.4	92.7	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	77.6	91.4	92.7	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	77.6	91.4	92.7	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 400	78.0	91.9	93.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 300	78.0	91.9	93.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 200	78.0	91.9	93.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 100	78.0	91.9	93.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1
0	78.0	91.9	93.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1	≥ 3/4	≥ 5/16
NO CEILING	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	65.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	65.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	65.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000	65.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 12000	65.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	69.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	71.1	79.6	79.6	79.6	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	71.3	79.9	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	71.5	80.3	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	72.2	81.0	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	74.4	85.1	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	75.4	86.7	87.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	75.8	87.8	88.2	88.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	76.7	89.4	89.8	89.8	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	76.7	89.8	90.1	90.1	90.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	77.6	91.0	91.6	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	78.1	91.8	92.3	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	78.1	92.1	92.8	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	78.1	92.5	93.2	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	78.3	92.7	93.4	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	78.3	92.7	93.4	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	78.3	92.7	93.4	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	78.5	92.8	93.5	94.4	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	78.5	93.4	94.1	95.2	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	78.5	93.5	94.4	95.3	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	78.5	93.7	94.4	95.5	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	78.5	93.7	94.6	95.5	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	78.5	93.7	94.6	95.5	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	78.5	93.7	94.6	95.5	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 0	78.5	93.7	94.6	95.5	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

747043
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING 'FEET'	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	53.9	55.8	59.1	59.3	59.3	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	60.8	66.7	67.4	67.6	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	60.8	66.7	67.4	67.6	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 16000	60.8	66.7	67.4	67.6	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 14000	61.3	67.2	67.9	68.1	68.3	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	62.5	69.1	69.9	70.1	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	66.5	73.3	74.2	74.4	74.6	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	67.3	74.0	74.9	75.1	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	67.6	75.3	76.2	76.3	76.5	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	68.1	76.1	76.9	77.1	77.3	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	68.3	76.2	77.1	77.2	77.4	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	70.1	78.3	78.9	79.0	79.2	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	74.4	82.8	83.9	84.1	84.2	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	76.1	84.8	85.3	86.2	86.4	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	77.6	87.1	88.2	88.7	88.9	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	78.5	88.4	89.4	90.0	90.1	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	79.3	91.1	91.2	91.8	91.9	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	80.1	91.4	92.7	93.2	93.5	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	81.1	91.4	92.7	93.2	93.5	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	80.1	91.8	93.0	93.5	93.9	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	81.1	92.1	93.5	94.1	94.4	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	81.1	92.1	93.5	94.1	94.4	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	81.1	92.3	93.7	94.3	94.6	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	81.1	92.3	93.7	94.3	94.6	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	81.1	92.3	93.7	94.3	94.6	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	81.1	93.1	94.6	95.2	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	81.1	93.4	95.7	95.5	96.6	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	81.1	93.4	95.1	95.5	96.6	97.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	81.1	93.4	95.1	95.5	96.6	97.3	99.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	81.1	93.4	95.0	95.5	96.6	97.3	99.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	81.1	93.4	95.1	95.5	96.6	97.3	99.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	81.1	92.4	95.1	95.5	96.6	97.3	99.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAF

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥0
NO CEILING	42.1	51.8	52.4	52.9	53.3	53.4	53.6	53.7	52.7	53.8	53.8	53.8	54.7	54.3
≥ 20000	53.0	64.5	65.7	65.9	66.4	66.5	66.7	66.8	66.8	67.0	67.0	67.0	67.2	67.6
≥ 18000	52.5	64.8	65.6	66.2	66.7	66.8	67.0	67.1	67.1	67.4	67.4	67.4	67.6	67.9
≥ 16000	53.7	65.1	65.7	66.6	67.1	67.1	67.4	67.5	67.5	67.7	67.7	67.7	67.9	68.3
≥ 14000	54.2	65.9	66.7	67.3	67.8	67.9	68.1	68.2	68.2	68.5	68.5	68.5	68.7	69.0
≥ 12000	55.4	67.4	68.2	68.9	69.4	69.5	69.7	69.8	69.8	70.1	70.1	70.1	70.3	70.7
≥ 10000	56.4	71.4	72.4	73.3	73.5	73.6	73.8	73.9	73.9	74.1	74.1	74.1	74.4	74.7
≥ 9000	59.1	72.3	73.3	73.9	74.5	74.6	74.8	74.9	74.9	75.2	75.2	75.2	75.4	75.7
≥ 8000	59.7	73.5	74.6	75.2	76.1	76.1	76.3	76.5	76.5	76.7	76.7	76.7	76.9	77.3
≥ 7000	60.0	74.0	75.1	75.7	76.5	76.6	76.9	77.1	77.1	77.2	77.2	77.2	77.4	77.8
≥ 6000	60.2	74.3	75.2	76.0	76.8	76.9	77.2	77.3	77.3	77.5	77.5	77.5	77.7	78.1
≥ 5000	60.9	75.3	76.4	77.1	77.9	78.0	78.2	78.4	78.4	78.6	78.6	78.6	78.8	79.2
≥ 4500	62.0	78.3	79.4	80.1	81.0	81.1	81.4	81.5	81.5	81.7	81.7	81.7	81.9	82.3
≥ 4000	64.1	79.7	80.8	81.6	82.4	82.5	82.8	82.9	82.9	83.2	83.2	83.2	83.4	83.7
≥ 3500	65.4	81.8	83.0	83.9	84.8	84.9	85.2	85.3	85.3	85.5	85.5	85.5	85.7	86.1
≥ 3000	66.1	83.1	84.3	85.2	86.1	86.3	86.6	86.7	86.7	86.9	86.9	86.9	87.1	87.5
≥ 2500	66.6	84.1	85.5	86.5	87.4	87.6	87.9	88.1	88.1	88.2	88.2	88.2	88.4	88.8
≥ 2000	67.3	85.7	87.3	88.3	89.4	89.6	90.0	90.2	90.2	90.4	90.4	90.4	90.6	91.0
≥ 1800	67.7	86.1	87.6	88.7	89.8	89.9	90.4	90.5	90.5	90.8	90.8	90.8	91.0	91.4
≥ 1500	67.9	86.7	88.3	89.3	90.5	90.6	91.1	91.3	91.3	91.5	91.5	91.5	91.7	92.2
≥ 1200	68.1	87.4	89.0	90.1	91.3	91.5	92.0	92.2	92.2	92.4	92.4	92.4	92.6	93.0
≥ 1000	68.2	87.5	89.2	90.3	91.5	91.7	92.2	92.4	92.4	92.7	92.7	92.7	92.9	93.3
≥ 900	68.3	87.7	89.4	90.5	91.7	91.8	92.4	92.6	92.6	92.9	92.9	92.9	93.1	93.5
≥ 800	68.3	87.8	89.5	90.7	91.9	92.1	92.7	92.9	92.9	93.1	93.1	93.1	93.3	93.8
≥ 700	68.4	88.1	89.9	91.2	92.7	92.8	93.4	93.7	93.7	93.9	93.9	93.9	94.1	94.5
≥ 600	68.4	88.4	90.3	91.7	93.6	93.8	94.4	94.7	94.7	95.0	95.0	95.0	95.2	95.7
≥ 500	68.4	88.7	90.6	92.2	94.2	94.4	95.2	95.6	95.7	95.9	95.9	95.9	96.1	96.6
≥ 400	68.4	88.8	90.8	92.4	94.7	95.1	96.4	96.9	96.9	97.3	97.3	97.3	97.5	97.9
≥ 300	68.4	88.9	90.9	92.5	94.8	95.2	96.6	97.1	97.1	97.7	97.7	97.7	98.0	98.5
≥ 200	68.4	88.9	91.0	92.6	94.9	95.3	96.8	97.4	97.4	98.1	98.2	98.2	98.9	99.4
≥ 100	68.4	88.9	91.1	92.6	94.9	95.3	96.8	97.4	97.5	98.2	98.3	98.3	99.1	99.7
≥ 0	68.4	88.9	91.1	92.6	94.9	95.3	96.8	97.4	97.5	98.2	98.3	98.3	99.1	99.7

TOTAL NUMBER OF OBSERVATIONS 4464

GLOBAL CLIMATOLOGY STATION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL 79-84 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) EFR MONTH 0000-0200 HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1
NO CEILING	51.2	55.2	59.8	65.8	61.3	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4
≥ 20000	56.5	65.1	65.9	66.1	67.1	67.6	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.8
≥ 18000	56.7	65.3	66.1	66.3	67.3	67.8	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	69.0
≥ 16000	56.7	65.3	66.1	66.3	67.3	67.8	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	69.2
≥ 14000	56.7	65.3	66.1	66.3	67.3	67.8	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	69.2
≥ 12000	57.6	66.3	67.1	67.3	68.2	68.8	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.2
≥ 10000	59.6	69.4	70.4	70.6	71.6	72.2	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.5
≥ 9000	60.4	70.2	71.6	71.8	72.7	73.3	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.7
≥ 8000	62.5	73.3	74.7	74.9	75.9	76.5	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.8
≥ 7000	64.7	76.1	77.5	77.6	78.6	79.2	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.6
≥ 6000	65.1	76.7	78.7	78.2	79.2	79.8	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	81.2
≥ 5000	65.9	77.6	79.7	79.2	80.2	80.8	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	82.2
≥ 4500	67.8	80.4	81.8	82.0	82.9	83.5	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.9
≥ 4000	69.4	81.0	82.4	82.5	83.5	84.1	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.5
≥ 3500	69.6	82.9	84.3	84.5	85.5	86.1	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.5
≥ 3000	70.8	84.5	85.9	86.1	87.6	88.2	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.6
≥ 2500	71.4	85.3	86.7	86.9	88.4	89.0	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.4
≥ 2000	73.5	88.8	90.6	91.2	92.7	93.3	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.7
≥ 1800	73.7	89.0	90.9	91.4	92.9	93.5	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.9
≥ 1500	74.1	89.6	91.4	92.9	94.5	95.1	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.5
≥ 1200	74.3	90.8	92.5	94.1	95.7	96.3	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.6
≥ 1000	74.3	90.8	92.5	94.1	95.7	96.3	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.6
≥ 900	74.3	90.8	92.5	94.1	95.7	96.3	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.6
≥ 800	74.3	91.1	92.7	94.3	95.9	96.5	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.8
≥ 700	74.3	91.2	92.9	94.5	96.1	96.7	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	98.0
≥ 600	74.3	91.6	93.3	94.9	96.5	97.1	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.4
≥ 500	74.3	91.6	93.5	95.5	97.1	97.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	99.0
≥ 400	74.3	91.6	93.5	95.5	97.1	97.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	99.0
≥ 300	74.3	92.0	93.9	95.9	97.6	97.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 200	74.3	92.2	94.3	96.3	98.0	98.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0
≥ 100	74.3	92.2	94.3	96.3	98.0	98.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0
≥ 0	74.3	92.2	94.3	96.3	98.0	98.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 510

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

707945

KENNEDY SPACE CENTER FL

79-84

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.2	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0
NO CEILING ≥ 20000	42.0	53.0	54.5	54.5	55.3	55.3	55.9	56.3	56.3	56.9	57.3	57.3	57.5	57.8
≥ 18000	51.6	64.5	66.1	66.3	67.3	67.5	68.1	68.4	68.4	69.0	69.4	69.4	69.6	69.8
≥ 16000	51.0	64.7	66.7	66.5	67.5	67.6	68.2	68.6	68.6	69.2	69.6	69.6	69.8	70.2
≥ 14000	51.0	64.7	66.3	66.5	67.5	67.6	68.2	68.6	68.6	69.2	69.6	69.6	69.8	70.2
≥ 12000	52.7	65.7	67.3	67.5	68.4	68.6	69.2	69.6	69.6	70.2	70.6	70.8	70.8	71.2
≥ 10000	53.1	66.5	68.7	68.2	69.2	69.4	70.1	70.4	70.4	71.0	71.4	71.6	71.6	72.0
≥ 9000	55.1	69.0	70.8	71.0	72.0	72.2	72.7	73.1	73.1	73.7	74.1	74.3	74.3	74.7
≥ 8000	55.9	71.1	72.7	72.9	73.9	74.1	74.7	75.1	75.1	75.7	76.1	76.3	76.3	76.7
≥ 7000	57.1	73.1	74.9	75.1	76.1	76.3	76.9	77.3	77.3	77.8	78.2	78.4	78.4	78.8
≥ 6000	57.8	75.7	77.5	77.6	78.6	78.8	79.4	79.8	79.8	80.4	80.8	81.0	81.0	81.4
≥ 5000	58.4	76.3	78.1	78.2	79.2	79.4	80.0	80.4	80.4	81.0	81.4	81.6	81.6	82.0
≥ 4500	60.0	78.1	79.8	80.0	81.0	81.2	81.8	82.2	82.2	82.7	83.1	83.3	83.3	83.7
≥ 4000	62.0	80.4	82.2	82.4	83.3	83.5	84.1	84.5	84.5	85.1	85.5	85.7	85.7	86.1
≥ 3500	62.0	81.4	83.3	83.5	84.5	84.7	85.3	85.7	85.7	86.3	86.7	86.9	86.9	87.3
≥ 3000	64.3	83.5	85.5	85.7	86.7	86.9	87.5	87.8	87.8	88.4	88.8	89.0	89.0	89.4
≥ 2500	66.5	86.1	88.0	88.2	89.8	90.0	90.6	91.0	91.0	91.6	92.0	92.2	92.2	92.5
≥ 2000	67.1	86.9	89.8	89.0	91.6	90.8	91.4	91.8	91.8	92.4	92.7	92.9	92.9	93.3
≥ 1800	67.5	88.0	90.4	90.8	92.4	92.5	93.1	93.5	93.5	94.1	94.5	94.7	94.7	95.1
≥ 1500	67.5	88.4	91.1	91.2	92.7	92.9	93.5	93.9	93.9	94.5	94.9	95.1	95.1	95.5
≥ 1200	67.5	88.8	91.4	91.6	93.1	93.3	93.9	94.3	94.3	94.9	95.3	95.5	95.5	95.9
≥ 1000	67.5	88.8	91.4	92.0	93.5	93.7	94.3	94.7	94.7	95.3	95.7	95.9	95.9	96.3
≥ 900	67.5	89.0	91.6	92.2	93.7	93.9	94.5	94.9	94.9	95.5	95.9	95.9	95.9	96.3
≥ 800	67.5	89.2	91.8	92.4	93.9	94.1	94.7	95.1	95.1	95.7	96.1	96.1	96.1	96.5
≥ 700	67.5	89.6	92.2	92.9	94.5	94.7	95.3	95.7	95.7	96.5	96.9	97.1	97.1	97.5
≥ 600	67.5	90.4	92.9	93.7	95.3	95.5	96.1	96.5	96.5	97.3	97.6	97.8	97.8	98.2
≥ 500	67.5	91.6	93.1	93.9	95.5	95.7	96.3	96.7	96.7	97.5	97.8	98.0	98.0	98.4
≥ 400	67.5	91.2	93.7	94.5	96.1	96.3	96.9	97.3	97.3	98.0	98.4	98.6	98.6	99.0
≥ 300	67.5	91.4	93.9	94.7	96.3	96.5	97.1	97.5	97.5	98.2	98.6	98.8	98.8	99.2
≥ 200	67.5	91.4	93.9	94.7	96.5	96.9	97.5	97.8	97.8	98.6	99.0	99.2	99.2	99.6
≥ 100	67.5	91.4	93.9	94.7	96.5	96.9	97.5	97.8	97.8	98.6	99.0	99.2	99.2	99.6
≥ 0	67.5	91.4	93.9	94.7	96.5	96.9	97.5	97.8	97.8	98.6	99.0	99.2	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS

510

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE / AC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84
YEARS

FFR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4
NO CEILING	43.1	44.7	45.5	46.5	47.3	47.5	47.5	47.5	47.5	47.6	47.8	48.2	48.4
≥ 20000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 18000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 16000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 14000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 12000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 10000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 9000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 8000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 7000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 6000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 5000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 4500	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 4000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 3500	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 3000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 2500	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 2000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 1800	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 1500	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 1200	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 1000	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 900	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 800	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 700	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 600	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 500	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 400	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 300	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 200	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
≥ 100	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0
0	57.1	53.5	55.3	56.1	57.1	57.1	57.1	57.1	57.1	58.2	58.4	58.8	59.0

TOTAL NUMBER OF OBSERVATIONS

510

GLOBAL CLIMATE LOG BRANCH
USAF ETAC
AFW WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-34
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.2	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ 0.5
NO CEILING	36.1	44.1	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.9	44.9
≥ 20000	44.9	56.1	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 18000	44.9	56.1	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 16000	45.1	56.9	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6
≥ 14000	45.7	58.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.8	58.8
≥ 12000	46.5	61.6	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4
≥ 10000	47.8	65.3	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5
≥ 9000	48.4	66.1	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8
≥ 8000	49.6	69.5	69.8	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8
≥ 7000	51.2	71.0	71.8	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.8
≥ 6000	51.2	71.6	72.4	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3
≥ 5000	51.6	73.1	74.3	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3
≥ 4500	52.9	75.9	77.1	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
≥ 4000	53.7	77.3	78.8	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8
≥ 3500	54.5	80.8	82.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7
≥ 3000	55.5	83.1	85.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3
≥ 2500	55.9	83.5	85.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7
≥ 2000	56.7	84.9	87.1	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8
≥ 1800	56.7	84.9	87.1	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8
≥ 1500	57.3	86.1	88.2	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0
≥ 1200	57.3	86.9	89.4	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4
≥ 1000	57.3	87.1	90.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4
≥ 900	57.8	88.2	91.4	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7
≥ 800	57.8	89.3	92.5	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9
≥ 700	57.8	89.4	93.1	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5
≥ 600	57.8	89.4	93.1	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7
≥ 500	57.8	89.6	93.3	95.7	95.9	95.9	95.9	95.9	95.9	96.3	96.3
≥ 400	57.8	89.6	93.5	95.9	96.5	96.5	96.5	96.5	96.5	96.7	96.7
≥ 300	57.8	89.6	93.5	95.9	96.7	96.9	97.3	97.6	97.6	98.0	98.0
≥ 200	57.8	89.6	93.5	95.9	96.7	96.9	97.3	97.8	97.8	98.4	98.4
≥ 100	57.8	89.6	93.5	95.9	96.7	96.9	97.3	97.8	97.8	98.4	98.4
≥ 0	57.8	89.6	93.5	95.9	96.7	96.9	97.3	97.8	97.8	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 510

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

717945 STATION KENNEDY SPACE CENTER FL 70-80 YEARS FEB MONTH 1200-1400 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 20000	55.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	55.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	55.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	57.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 12000	50.1	55.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	62.4	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	62.4	72.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	63.3	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	64.1	75.3	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	65.5	77.5	77.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	67.1	80.0	80.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	67.6	81.2	82.1	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	60.1	83.1	83.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	71.2	86.5	87.3	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	72.5	88.8	89.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	73.1	90.1	91.1	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	73.9	91.6	92.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	74.1	92.4	93.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	74.7	93.1	94.3	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	74.7	94.1	95.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	74.7	94.3	95.3	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	74.7	94.9	96.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	74.7	94.9	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	74.7	95.1	97.1	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	74.7	95.1	97.1	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	74.7	95.1	97.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	74.7	95.1	97.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	74.7	95.1	97.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	74.7	95.1	97.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	74.7	95.1	97.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	74.7	95.1	97.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 510

GLOBAL CLIMATOLOGY SEARCH
USAF ETAC
AIR WEATHER SERVICE/IAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ 0
NO CEILING	45.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	50.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	59.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000	50.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	62.2	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	62.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	67.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	68.2	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	71.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	71.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	72.2	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	74.7	81.8	82.5	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	75.5	84.1	84.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	77.8	86.7	87.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	78.1	87.5	88.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	78.4	89.4	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	79.4	91.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	81.4	92.5	93.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	81.8	93.5	94.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	81.8	93.9	95.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	81.8	94.5	95.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	81.4	94.9	96.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
900	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	81.4	95.3	96.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

510

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 10-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-84

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1 1/8	≥3/4	≥1/2	≥1/4
NO CEILING	46.5	51.4	51.6	51.8	51.8	50.8	51.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 2000	67.4	65.4	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 1800	60.6	65.6	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1600	60.8	65.7	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1400	63.2	66.7	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 1200	63.8	69.1	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1000	66.7	72.8	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 900	67.9	74.0	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 800	69.1	76.4	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 700	69.9	77.2	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 600	69.9	77.4	79.1	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 500	70.0	78.7	79.7	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1
≥ 450	72.6	81.9	83.1	84.3	84.6	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0
≥ 400	73.4	83.1	84.3	85.6	86.0	86.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6
≥ 350	74.1	84.3	85.4	87.0	87.4	87.4	87.4	88.2	88.2	88.2	88.2	88.2	88.2
≥ 300	76.1	87.2	88.4	90.0	90.4	90.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1
≥ 250	77.2	89.0	90.2	91.9	92.3	92.3	92.3	93.1	93.1	93.1	93.1	93.1	93.1
≥ 200	79.1	92.5	93.7	95.9	96.3	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	79.1	92.5	93.7	95.9	96.3	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	79.1	92.5	93.7	96.1	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	79.1	93.3	94.5	96.9	97.2	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	79.1	93.5	94.9	97.2	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	79.1	93.7	95.1	97.4	97.8	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	79.1	93.9	95.3	97.6	98.0	98.0	98.0	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	79.1	93.9	95.3	97.6	98.0	98.0	98.0	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	79.1	93.9	95.7	98.2	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	79.1	93.9	95.7	98.2	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	79.1	93.9	95.7	98.2	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	79.3	94.1	95.9	98.4	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.3	94.1	95.9	98.4	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.3	94.1	95.9	98.4	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.3	94.1	95.9	98.4	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 508

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 75-84 YEARS FEB MONTH 2100-2300 HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	51.0	55.4	56.2	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	57.0
≥ 20000	53.7	57.7	58.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.8
≥ 18000	53.7	57.7	58.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.8
≥ 16000	53.7	57.7	58.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.8
≥ 14000	54.7	58.6	59.6	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.8
≥ 12000	54.7	59.7	60.2	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	61.2
≥ 10000	56.7	61.3	63.1	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	64.0
≥ 9000	57.1	62.4	64.2	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	65.1
≥ 8000	60.2	66.7	68.5	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.5
≥ 7000	61.2	68.1	70.9	70.2	70.2	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.9
≥ 6000	61.6	68.9	71.9	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.9
≥ 5000	62.4	70.9	73.9	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.8
≥ 4500	63.8	72.2	75.4	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	74.2
≥ 4000	64.8	73.2	76.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	75.2
≥ 3500	66.9	76.4	79.3	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	77.0
≥ 3000	68.5	78.6	81.7	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	79.2
≥ 2500	69.7	80.2	83.3	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.8
≥ 2000	70.9	81.3	84.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.9
≥ 1800	71.3	81.7	84.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.3
≥ 1500	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 1200	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 1000	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 900	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 800	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 700	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 600	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 500	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 400	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 300	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 200	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 100	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 0	71.7	82.1	85.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7

TOTAL NUMBER OF OBSERVATIONS 507

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/WWC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

77-84

YEARS

EFFR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	43.1	40.5	50.1	50.3	50.6	50.7	50.9	51.0	51.1	51.2	51.3	51.3	51.3	51.3	51.4
≥ 20000	52.1	51.7	52.5	62.8	63.1	63.2	63.4	63.6	63.6	63.8	63.8	63.9	63.9	63.9	64.0
≥ 18000	53.8	61.8	62.6	62.8	63.2	63.3	63.5	63.7	63.7	63.8	63.9	63.9	64.0	64.0	64.1
≥ 16000	54.1	62.1	62.8	63.2	63.5	63.6	63.8	64.1	64.1	64.1	64.2	64.2	64.3	64.3	64.5
≥ 14000	54.9	63.3	64.3	64.4	64.7	64.8	65.0	65.2	65.2	65.3	65.4	65.4	65.5	65.5	65.7
≥ 12000	55.7	64.8	65.4	66.0	66.4	66.4	66.7	66.8	66.8	67.0	67.1	67.1	67.1	67.2	67.3
≥ 10000	58.4	66.8	69.7	71.1	70.5	70.5	70.8	71.0	71.0	71.1	71.2	71.3	71.3	71.3	71.4
≥ 9000	59.1	71.3	71.4	71.9	72.3	72.3	72.4	72.8	72.8	72.9	73.0	73.1	73.1	73.1	73.3
≥ 8000	62.8	73.1	74.2	74.7	75.1	75.1	75.4	75.6	75.6	75.7	75.8	75.9	75.9	75.9	76.0
≥ 7000	61.6	74.4	75.6	76.1	76.5	76.5	76.8	77.0	77.1	77.1	77.2	77.3	77.3	77.3	77.4
≥ 6000	62.3	75.5	76.7	77.2	77.6	77.6	77.9	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.6
≥ 5000	63.5	77.3	78.7	79.3	79.7	79.8	80.1	80.3	80.3	80.4	80.5	80.6	80.6	80.6	80.8
≥ 4500	64.9	79.7	81.1	81.9	82.4	82.4	82.7	82.9	82.9	83.1	83.2	83.2	83.2	83.3	83.4
≥ 4000	65.9	81.0	82.6	83.4	83.9	83.9	84.3	84.5	84.5	84.6	84.7	84.8	84.8	84.8	84.9
≥ 3500	67.2	83.3	85.1	86.0	86.4	86.5	86.9	87.1	87.1	87.2	87.3	87.4	87.4	87.4	87.5
≥ 3000	68.7	85.6	87.4	88.3	89.1	89.1	89.5	89.7	89.7	89.8	89.9	90.0	90.0	90.0	90.2
≥ 2500	69.3	86.5	88.4	89.4	90.2	90.2	90.6	90.8	90.8	91.0	91.1	91.1	91.1	91.2	91.3
≥ 2000	71.9	88.5	91.6	92.0	92.8	92.8	93.2	93.4	93.4	93.6	93.6	93.7	93.7	93.8	93.9
≥ 1800	70.5	88.8	90.9	92.3	93.1	93.2	93.6	93.8	93.8	94.0	94.0	94.1	94.1	94.2	94.3
≥ 1500	70.7	89.2	91.4	93.1	93.9	94.0	94.4	94.6	94.6	94.8	94.8	94.9	94.9	95.0	95.1
≥ 1200	70.8	90.1	92.5	94.0	94.9	94.9	95.3	95.6	95.6	95.7	95.8	95.9	95.9	95.9	96.0
≥ 1000	71.8	91.2	93.6	94.3	95.2	95.2	95.7	95.9	95.9	96.1	96.1	96.2	96.2	96.3	96.4
≥ 900	71.9	91.5	93.1	94.8	95.6	95.7	96.1	96.4	96.4	96.5	96.6	96.7	96.7	96.7	96.9
≥ 800	70.9	91.8	93.4	95.2	96.0	96.1	96.5	96.8	96.8	97.0	97.1	97.1	97.1	97.2	97.3
≥ 700	71.0	91.0	93.6	95.4	96.4	96.4	96.9	97.1	97.1	97.3	97.4	97.5	97.5	97.5	97.7
≥ 600	71.1	91.2	94.0	95.8	96.8	96.8	97.3	97.5	97.5	97.8	97.8	97.9	97.9	98.0	98.1
≥ 500	71.1	91.3	94.1	96.0	97.7	97.7	97.1	97.8	97.8	98.1	98.1	98.2	98.2	98.3	98.4
≥ 400	71.1	91.5	94.3	96.2	97.3	97.4	97.9	98.1	98.1	98.4	98.5	98.6	98.6	98.6	98.7
≥ 300	71.0	91.7	94.5	96.4	97.6	97.7	98.3	98.5	98.5	98.8	98.9	99.0	99.0	99.1	99.2
≥ 200	71.0	91.7	94.6	96.5	97.8	97.9	98.5	98.8	98.8	99.1	99.2	99.3	99.3	99.5	99.7
≥ 100	71.0	91.7	94.6	96.5	97.8	97.9	98.5	98.8	98.8	99.1	99.2	99.4	99.4	99.6	99.9
≥ 0	71.1	91.7	94.6	96.5	97.8	97.9	98.5	98.8	98.8	99.1	99.2	99.4	99.4	99.6	100.0

4075

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC
FORM
JUL 62

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-83
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	55.7	63.4	64.1	64.7	65.2	65.2	65.6	65.6	65.6	65.6	65.6
≥ 20000	61.1	69.9	71.5	71.2	71.6	71.6	72.7	72.0	72.0	72.0	72.0
≥ 18000	61.1	69.9	70.5	71.2	71.6	71.6	72.7	72.0	72.0	72.0	72.0
≥ 16000	61.1	69.9	70.5	71.2	71.6	71.6	72.0	72.0	72.0	72.0	72.0
≥ 14000	61.7	71.5	71.2	71.8	72.3	72.3	72.7	72.7	72.7	72.7	72.7
≥ 12000	62.6	72.5	73.1	73.8	74.2	74.2	74.6	74.6	74.6	74.6	74.6
≥ 10000	66.7	76.6	77.2	77.8	78.3	78.3	78.7	78.7	78.7	78.7	78.7
≥ 9000	68.0	79.6	80.2	80.9	81.3	81.3	81.7	81.7	81.7	81.7	81.7
≥ 8000	71.3	83.2	83.9	84.5	84.9	84.9	85.4	85.4	85.4	85.4	85.4
≥ 7000	71.3	83.4	84.1	84.7	85.2	85.2	85.6	85.6	85.6	85.6	85.6
≥ 6000	71.3	83.7	84.3	84.9	85.4	85.4	85.8	85.8	85.8	85.8	85.8
≥ 5000	72.3	85.6	86.2	87.3	87.7	87.7	88.2	88.2	88.2	88.2	88.2
≥ 4500	74.2	88.0	88.6	89.7	90.1	90.1	90.5	90.5	90.5	90.5	90.5
≥ 4000	75.3	89.0	89.7	91.0	91.4	91.4	91.8	91.8	91.8	91.8	91.8
≥ 3500	76.8	91.8	91.4	92.7	93.1	93.1	93.5	93.5	93.5	93.5	93.5
≥ 3000	77.6	92.7	93.5	94.8	95.2	95.2	95.7	95.7	95.7	95.7	95.7
≥ 2500	78.1	93.6	94.6	95.9	96.3	96.3	96.8	96.8	96.8	96.8	96.8
≥ 2000	78.1	94.2	95.1	96.3	96.8	96.8	97.2	97.2	97.2	97.2	97.2
≥ 1800	78.5	94.6	95.5	96.8	97.2	97.2	97.6	97.6	97.6	97.6	97.6
≥ 1500	78.7	95.1	95.9	97.2	97.6	97.6	98.1	98.1	98.1	98.1	98.1
≥ 1200	79.7	95.1	95.9	97.2	97.6	97.6	98.1	98.1	98.1	98.1	98.1
≥ 1000	78.7	95.1	95.9	97.2	97.6	97.6	98.1	98.1	98.1	98.1	98.1
≥ 900	78.7	95.5	96.6	97.8	98.3	98.3	98.7	98.7	98.7	98.7	98.7
≥ 800	78.7	95.5	96.6	98.3	98.7	98.7	99.1	99.1	99.1	99.1	99.1
≥ 700	78.7	95.7	97.4	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 600	78.7	95.7	97.4	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 500	78.7	95.7	97.4	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 400	78.7	95.7	97.4	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 300	78.7	95.7	97.4	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 200	78.7	95.7	97.4	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100	78.7	95.7	97.4	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 0	78.7	95.7	97.4	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE//AC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-83

YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥0
NO CEILING	64.1	57.1	53.5	50.6	60.6	61.1	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4
≥ 20000	51.2	68.2	69.7	70.8	72.0	72.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8
≥ 18000	51.3	68.2	69.7	70.8	72.0	72.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8
≥ 16000	51.4	68.4	69.9	71.0	72.3	72.7	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0
≥ 14000	52.1	69.7	70.5	71.6	72.9	73.3	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
≥ 12000	52.2	71.1	72.5	73.5	74.8	75.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6
≥ 10000	55.3	74.4	75.9	77.0	78.3	78.7	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0
≥ 9000	56.5	76.8	78.3	79.4	80.6	81.1	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4
≥ 8000	57.4	78.5	80.0	81.1	82.4	82.8	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1
≥ 7000	57.4	78.5	80.0	81.1	82.4	82.8	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1
≥ 6000	57.6	78.9	80.4	81.5	82.8	83.2	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5
≥ 5000	57.6	79.6	81.1	82.2	84.1	84.5	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8
≥ 4500	59.8	81.9	83.4	85.2	86.5	86.9	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
≥ 4000	61.1	82.8	84.3	86.0	87.3	87.7	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0
≥ 3500	61.9	84.3	86.1	87.7	89.0	89.5	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8
≥ 3000	61.7	86.9	88.9	90.5	91.8	92.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5
≥ 2500	62.2	89.1	91.1	92.7	94.0	94.4	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7
≥ 2000	63.4	92.5	94.4	96.1	97.4	97.8	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
≥ 1800	63.4	92.5	94.4	96.1	97.4	97.8	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
≥ 1500	63.4	92.5	94.4	96.1	97.4	97.8	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
≥ 1200	63.4	92.7	94.6	96.3	97.6	98.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4
≥ 1000	63.4	92.7	94.6	96.3	97.6	98.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4
≥ 900	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 800	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 700	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 600	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 500	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 400	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 300	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 200	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 100	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 0	63.4	92.7	95.1	96.8	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-32
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25
NO CEILING ≥ 20000	25.7	42.9	43.7	45.2	45.4	45.8	47.5	47.7	47.7	48.2	48.4	50.1	50.1
≥ 18000	34.4	56.8	57.3	59.8	61.2	60.9	63.1	63.2	63.2	63.7	63.9	65.6	65.6
≥ 16000	37.9	57.2	58.2	60.2	61.6	61.3	63.4	63.7	63.7	64.1	64.3	66.0	66.0
≥ 14000	35.1	57.6	58.7	60.6	61.1	61.7	63.9	64.1	64.1	64.5	64.7	66.5	66.5
≥ 12000	36.1	59.1	60.3	62.2	62.6	63.2	65.4	65.6	65.6	66.0	66.2	68.0	68.0
≥ 10000	39.3	61.9	63.3	65.2	65.6	66.2	68.4	68.6	68.6	69.0	69.2	71.0	71.0
≥ 9000	39.1	64.3	65.6	67.5	68.7	68.6	70.8	71.0	71.0	71.4	71.6	73.3	73.3
≥ 8000	40.4	67.5	69.7	71.0	71.4	72.0	74.2	74.4	74.4	74.8	75.1	76.8	76.8
≥ 7000	40.5	69.5	71.2	73.8	74.2	74.8	77.0	77.2	77.2	77.6	77.8	79.6	79.6
≥ 6000	41.9	69.7	71.6	74.2	74.8	75.5	77.6	77.8	77.8	78.3	78.5	80.2	80.2
≥ 5000	42.2	71.6	73.5	76.6	77.2	77.8	81.0	80.2	80.2	80.6	80.9	82.6	82.6
≥ 4500	43.9	73.5	75.5	78.5	79.1	79.8	81.9	82.2	82.2	82.6	82.8	84.5	84.5
≥ 4000	44.1	74.2	76.1	79.1	79.8	80.4	82.6	82.8	82.8	83.2	83.4	85.2	85.2
≥ 3500	44.7	75.7	77.6	80.6	81.3	81.9	84.1	84.3	84.3	84.7	84.9	86.7	86.7
≥ 3000	46.7	78.9	81.9	83.9	84.5	85.2	87.3	87.5	87.5	88.0	88.2	89.9	89.9
≥ 2500	46.7	81.1	83.2	86.2	86.9	87.5	89.7	89.9	89.9	90.3	90.5	92.3	92.3
≥ 2000	47.1	82.2	84.5	87.7	88.6	89.2	91.4	91.6	91.6	92.0	92.3	94.0	94.0
≥ 1800	47.1	82.4	84.7	88.0	88.8	89.5	91.6	91.8	91.8	92.3	92.5	94.2	94.2
≥ 1500	47.7	83.7	86.0	89.2	90.1	91.0	93.1	93.3	93.3	93.8	94.0	95.7	95.7
≥ 1200	47.7	84.5	87.3	91.5	91.4	92.3	94.4	94.6	94.6	95.1	95.3	97.0	97.0
≥ 1000	47.7	84.9	87.3	91.5	91.4	92.3	94.4	94.6	94.6	95.1	95.3	97.0	97.0
≥ 900	47.7	85.4	87.7	91.2	92.0	92.9	95.3	95.5	95.5	95.9	96.1	97.8	97.8
≥ 800	47.7	85.4	87.7	91.2	92.0	92.9	95.3	95.5	95.5	95.9	96.1	97.8	97.8
≥ 700	47.7	85.4	87.7	91.2	92.0	92.9	95.3	95.5	95.5	95.9	96.1	97.8	97.8
≥ 600	47.7	85.3	88.2	91.6	92.5	93.3	95.7	95.9	95.9	96.3	96.6	98.3	98.3
≥ 500	47.7	85.8	88.2	91.6	92.5	93.3	95.7	95.9	95.9	96.3	96.6	98.3	98.3
≥ 400	47.7	85.8	88.4	91.8	93.1	94.1	96.3	96.6	96.6	97.0	97.2	99.1	99.1
≥ 300	47.7	85.8	88.4	91.8	93.1	94.1	96.3	96.6	96.6	97.0	97.2	99.1	99.1
≥ 200	47.7	85.8	88.4	91.8	93.1	94.1	96.3	96.6	96.6	97.0	97.2	99.1	99.1
≥ 100	47.7	85.8	88.4	91.8	93.1	94.1	96.3	96.8	96.8	97.2	97.4	99.4	99.4
≥ 0	47.7	85.8	88.4	91.8	93.1	94.1	96.3	96.8	96.8	97.2	97.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

75-93
YEARS

MAP
MONTH

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING 'FEET'	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16
NO CEILING	70.4	48.6	49.1	42.2	45.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	62.1	62.8	63.2	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	42.2	63.0	63.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	48.2	63.4	63.5	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	51.8	66.7	67.1	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	52.8	7.3	7.8	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	53.5	72.3	72.9	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 9000	53.3	75.1	75.7	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	55.9	77.8	78.3	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	55.9	77.6	78.3	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	56.1	78.1	79.1	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	57.2	87.6	81.9	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	58.9	83.2	84.5	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	59.8	84.5	86.2	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	61.5	87.5	88.8	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	62.2	89.1	91.3	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	62.6	89.9	91.2	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	63.0	91.4	92.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	63.2	91.8	93.5	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	63.3	93.3	95.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	64.3	95.5	97.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	64.3	95.5	97.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	64.3	95.7	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	64.3	95.7	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	64.3	95.7	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	64.3	95.7	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	64.3	95.7	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	64.3	95.7	97.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	64.3	95.7	97.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	64.3	95.7	97.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	64.3	95.7	97.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	64.3	95.7	97.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-83
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8
NO CEILING	46.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	61.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	61.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	62.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	63.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	66.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	66.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	68.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	69.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	69.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	71.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	71.2	82.2	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	72.7	84.5	85.2	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	74.1	86.7	87.2	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	76.1	89.7	91.5	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	77.4	91.8	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	78.3	94.0	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	78.9	95.5	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	79.4	95.9	97.2	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	79.8	96.3	97.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	79.8	97.1	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	79.8	97.0	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	79.8	97.0	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	79.8	97.2	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	79.8	97.2	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	79.8	97.4	98.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	79.8	97.6	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	79.8	97.6	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	79.8	97.6	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.8	97.6	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.8	97.6	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.8	97.6	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-87
YEARS

MAP
NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING 'FEET'	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥0
NO CEILING	51.8	53.5	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	60.8	74.8	75.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	61.8	74.8	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	61.8	75.3	75.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	60.9	76.6	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	72.5	81.2	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	73.8	82.6	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	74.8	84.3	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	75.5	84.9	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	76.1	86.0	86.6	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	76.1	86.2	87.5	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	76.6	87.5	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	77.4	89.0	90.3	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	78.1	91.3	91.6	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	78.9	91.6	92.9	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	81.9	94.8	96.1	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	80.9	94.8	96.3	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	81.3	95.5	97.0	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	81.3	95.5	97.0	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	81.3	95.5	97.0	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	81.3	95.7	97.2	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	81.3	95.7	97.2	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	81.3	95.7	97.2	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	81.3	95.9	97.4	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	81.3	95.9	97.4	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	81.3	96.1	97.6	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	81.3	96.1	97.6	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	81.3	96.1	97.6	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	81.3	96.1	97.6	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	81.3	96.1	97.6	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	81.3	96.1	97.6	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	81.3	96.1	97.6	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY MATCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

74794E
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-83

YEARS

MAR
MONTH

1800-2000
HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	51.8	54.9	54.9	55.1	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	65.1	74.8	74.8	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	69.0	74.8	74.8	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	65.0	73.5	73.5	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	68.1	75.5	75.5	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	69.2	77.4	77.4	77.6	77.6	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	70.5	81.2	81.2	81.4	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	71.3	82.6	82.6	82.8	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	72.7	83.7	83.7	83.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	73.3	84.7	84.7	85.2	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	73.5	85.2	85.4	85.6	85.6	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	74.3	86.5	86.7	86.9	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	75.9	88.8	89.5	90.1	90.1	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4000	76.8	90.5	92.0	92.7	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	78.7	92.5	94.1	94.6	94.6	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	79.1	93.3	95.1	95.9	95.9	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	79.1	93.5	95.5	96.3	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	79.6	94.0	95.9	96.8	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	79.6	94.0	95.5	96.8	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	79.8	94.4	96.6	97.4	97.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	81.3	94.6	96.8	97.6	97.8	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	80.0	94.6	96.8	97.8	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	80.0	94.6	96.8	97.8	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	80.0	94.6	96.8	98.1	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	80.0	94.6	96.8	98.1	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	80.0	94.6	96.8	98.1	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	80.0	94.6	96.8	98.1	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	80.0	94.6	96.8	98.1	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	80.0	94.6	96.8	98.1	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	80.0	94.6	96.8	98.1	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	80.0	94.6	96.8	98.1	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	80.0	94.6	96.8	98.1	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 79-32 YEARS 2100-2300 HOURS (EST) MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 5/16	≥ 1/8
NO CEILING	64.9	67.7	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	71.2	74.6	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	71.2	74.6	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	71.2	74.6	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	72.3	75.7	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	74.1	77.8	79.5	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	76.8	81.7	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000	77.6	82.8	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	79.1	85.6	86.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	79.4	86.5	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	79.6	86.7	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	80.6	87.7	88.4	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	82.2	90.5	91.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	82.9	91.4	92.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	84.7	93.5	94.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	85.3	94.3	95.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	85.8	94.8	95.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	86.1	95.3	96.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	86.0	95.3	96.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	86.7	95.9	96.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	86.7	95.9	96.8	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	86.9	96.1	97.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	86.9	96.1	97.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	86.9	96.1	97.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	86.9	96.1	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	86.9	96.1	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.9	96.1	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.9	96.1	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.9	96.1	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.9	96.1	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.9	96.1	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.9	96.1	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945

KENNEDY SPACE CENTER FL

79-67

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	47.6	54.7	55.2	55.8	56.0	56.2	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.9	56.9
≥ 20000	58.3	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	58.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	58.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	58.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	61.1	72.1	73.7	74.2	74.6	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.6	75.6
≥ 10000	62.7	75.9	76.6	77.2	77.6	77.7	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.5	78.5
≥ 9000	63.9	78.3	79.1	79.6	80.0	80.1	80.6	80.6	80.6	80.7	80.7	80.7	80.7	81.0	81.0
≥ 8000	65.1	80.2	81.2	81.8	82.2	82.3	82.8	82.8	82.8	82.9	82.9	82.9	82.9	83.2	83.2
≥ 7000	65.3	80.7	81.5	82.3	82.7	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.7	83.7
≥ 6000	65.6	81.2	82.1	82.9	83.3	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.3	84.3
≥ 5000	66.5	82.7	83.6	84.7	85.1	85.2	85.7	85.7	85.7	85.8	85.8	85.8	85.8	86.0	86.0
≥ 4500	68.1	84.9	86.0	87.2	87.7	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.7	88.7
≥ 4000	68.8	86.2	87.4	88.6	89.1	89.3	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.1	90.1
≥ 3500	70.3	88.2	89.4	90.6	91.1	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.2	92.2
≥ 3000	71.3	90.3	91.6	92.9	93.4	93.5	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.4	94.4
≥ 2500	71.7	91.4	92.8	94.1	94.5	94.7	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.6	95.6
≥ 2000	72.2	92.6	94.1	95.4	96.0	96.2	96.7	96.7	96.7	96.8	96.8	96.8	96.8	97.1	97.1
≥ 1800	72.3	92.7	94.3	95.6	96.2	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3
≥ 1500	72.6	93.3	94.9	96.2	96.9	97.1	97.6	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0
≥ 1200	72.7	93.9	95.5	96.9	97.5	97.7	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7
≥ 1000	72.8	94.0	95.6	96.9	97.6	97.8	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.7	98.7
≥ 900	72.8	94.1	95.8	97.2	97.8	98.1	98.6	98.7	98.7	98.7	98.8	98.8	98.8	99.0	99.0
≥ 800	72.8	94.1	95.9	97.4	98.1	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.2	99.2
≥ 700	72.8	94.2	96.0	97.5	98.2	98.4	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.4	99.4
≥ 600	72.8	94.3	96.1	97.6	98.3	98.5	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.5	99.5
≥ 500	72.8	94.3	96.1	97.7	98.4	98.6	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.7	99.7
≥ 400	72.8	94.3	96.2	97.8	98.5	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9
≥ 300	72.8	94.3	96.2	97.8	98.5	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9
≥ 200	72.8	94.3	96.2	97.8	98.5	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9
≥ 100	72.8	94.3	96.2	97.8	98.5	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9
≥ 0	72.8	94.3	96.2	97.8	98.5	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 3720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

75-87
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥0
NO CEILING	75.2	71.0	71.6	71.3	71.3	71.3	71.5	71.5	71.5	71.7	71.7
≥ 20000	72.1	65.7	85.6	86.3	86.3	86.3	86.5	86.5	86.5	86.7	86.7
≥ 18000	70.1	65.1	85.5	86.3	86.3	86.3	86.5	86.5	86.5	86.7	86.7
≥ 16000	71.1	65.0	85.6	86.3	86.3	86.3	86.5	86.5	86.5	86.7	86.7
≥ 14000	71.5	65.7	86.3	87.0	87.0	87.0	87.2	87.2	87.2	87.4	87.4
≥ 12000	78.9	65.9	86.5	87.2	87.2	87.2	87.4	87.4	87.4	87.6	87.6
≥ 10000	70.6	67.2	87.8	88.5	88.5	88.5	88.7	88.7	88.7	88.9	88.9
≥ 9000	70.8	67.4	88.0	88.7	88.7	88.7	88.9	88.9	88.9	89.1	89.1
≥ 8000	60.2	67.3	88.3	89.1	89.1	89.1	89.3	89.3	89.3	89.4	89.4
≥ 7000	61.2	67.3	88.3	89.1	89.1	89.1	89.3	89.3	89.3	89.4	89.4
≥ 6000	80.2	67.8	88.5	89.1	89.1	89.1	89.3	89.3	89.3	89.4	89.4
≥ 5000	60.9	69.4	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.1	91.1
≥ 4500	61.9	90.9	91.5	92.2	92.2	92.2	92.4	92.4	92.4	92.6	92.6
≥ 4000	82.8	92.2	92.8	93.5	93.5	93.5	93.7	93.7	93.7	93.9	93.9
≥ 3500	63.9	93.9	94.4	95.2	95.2	95.2	95.4	95.4	95.4	95.6	95.6
≥ 3000	64.1	95.2	95.7	96.5	96.7	96.7	96.9	96.9	96.9	97.0	97.0
≥ 2500	64.4	95.9	96.5	97.2	97.4	97.4	97.6	97.6	97.6	97.8	97.8
≥ 2000	64.3	96.5	97.0	97.8	98.0	98.0	98.1	98.1	98.1	98.3	98.3
≥ 1800	64.8	96.7	97.2	98.0	98.1	98.1	98.3	98.3	98.3	98.5	98.5
≥ 1500	65.1	96.9	97.4	98.1	98.3	98.3	98.5	98.5	98.5	98.7	98.7
≥ 1200	65.1	96.9	97.4	98.1	98.3	98.3	98.5	98.5	98.5	98.7	98.7
≥ 1000	65.1	97.0	97.6	98.3	98.5	98.5	98.7	98.7	98.7	98.9	98.9
≥ 900	65.0	97.0	97.6	98.3	98.5	98.5	98.7	98.7	98.7	98.9	98.9
≥ 800	65.0	97.2	97.8	98.3	98.5	98.5	98.7	98.7	98.7	98.9	98.9
≥ 700	65.1	97.0	98.1	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6
≥ 600	65.1	97.8	98.3	99.3	99.6	99.6	99.6	99.6	99.6	99.8	99.8
≥ 500	65.1	98.0	98.5	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0
≥ 400	65.1	98.0	98.5	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0
≥ 300	65.1	98.0	98.5	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0
≥ 200	65.1	98.0	98.5	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0
≥ 100	65.1	98.0	98.5	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0
≥ 0	65.0	98.1	98.5	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATE WATCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

747945

KENNEDY SPACE CENTER FL

78-83

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS UTC

CEILING FEET.	VISIBILITY (STATUTE MILES)											
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½
NO CEILING	55.7	65.7	66.1	65.5	67.4	67.4	67.8	68.0	68.0	68.1	68.3	68.3
≥20000	55.4	77.6	78.1	78.9	79.4	79.4	79.8	80.0	80.0	80.2	80.4	80.4
≥18000	55.4	77.6	78.1	78.9	79.4	79.4	79.8	80.0	80.0	80.2	80.4	80.4
≥16000	55.6	77.8	78.3	79.1	79.6	79.6	80.0	80.2	80.2	80.4	80.6	80.6
≥14000	55.6	77.8	78.3	79.1	79.6	79.6	80.0	80.2	80.2	80.4	80.6	80.6
≥12000	67.2	79.6	80.2	81.5	81.5	81.5	82.0	82.0	82.0	82.2	82.4	82.4
≥10000	60.1	82.4	83.7	84.3	84.3	84.3	84.6	84.8	84.8	85.0	85.2	85.2
≥9000	70.4	84.3	84.8	85.6	86.1	86.1	86.5	86.7	86.7	86.9	87.0	87.2
≥8000	70.7	85.0	85.6	86.3	86.9	86.9	87.2	87.4	87.4	87.6	87.8	87.8
≥7000	71.7	85.0	85.6	86.3	86.9	86.9	87.2	87.4	87.4	87.6	87.8	87.8
≥6000	71.1	85.4	85.9	86.7	87.2	87.2	87.6	87.8	87.8	88.0	88.3	88.3
≥5000	72.2	87.2	87.8	88.5	89.1	89.1	89.4	89.6	89.6	89.8	90.0	90.2
≥4500	73.5	88.7	89.3	90.0	90.6	90.6	90.9	91.1	91.1	91.3	91.5	91.5
≥4000	74.3	90.4	90.9	91.7	92.2	92.2	92.6	92.8	92.8	93.0	93.1	93.3
≥3500	74.3	90.4	90.9	91.7	92.2	92.2	92.6	92.8	92.8	93.0	93.1	93.3
≥3000	74.4	92.4	93.7	94.3	94.3	94.3	94.6	94.8	94.8	95.0	95.2	95.4
≥2500	75.0	93.3	93.9	94.6	95.2	95.2	95.6	95.7	95.7	95.9	96.1	96.3
≥2000	75.1	93.5	94.1	95.2	95.7	95.7	96.1	96.3	96.3	96.5	96.7	96.9
≥1800	75.0	93.5	94.1	95.2	95.7	95.7	96.1	96.3	96.3	96.5	96.7	96.9
≥1500	75.7	94.3	94.8	95.9	96.5	96.5	96.9	97.0	97.0	97.2	97.4	97.6
≥1200	76.3	95.7	95.7	96.7	97.2	97.2	97.6	97.8	97.8	98.0	98.1	98.3
≥1000	76.3	95.2	95.7	96.9	97.4	97.4	97.8	98.0	98.0	98.1	98.3	98.5
≥900	76.3	95.4	95.9	97.0	97.6	97.6	98.1	98.1	98.1	98.3	98.5	98.7
≥800	76.3	95.4	96.1	97.2	97.8	97.8	98.1	98.3	98.3	98.5	98.7	98.9
≥700	76.3	95.7	96.5	97.6	98.1	98.1	98.5	98.7	98.7	98.9	99.1	99.3
≥600	76.3	95.9	96.7	97.8	98.3	98.3	98.7	98.9	98.9	99.1	99.3	99.4
≥500	76.3	96.5	97.2	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.8	100.0
≥400	76.3	96.5	97.2	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.8	100.0
≥300	76.3	96.5	97.2	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.8	100.0
≥200	76.3	96.5	97.2	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.8	100.0
≥100	76.3	96.5	97.2	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.8	100.0
≥0	76.3	96.5	97.2	98.3	98.9	98.9	99.3	99.4	99.4	99.6	99.8	100.0

540

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-87

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/8
NO CEILING	38.9	56.3	57.6	59.1	61.7	60.2	60.7	60.9	60.9	61.3	61.3	61.3	61.9	62.0
≥ 20000	47.4	69.4	71.2	72.8	73.7	73.9	74.4	74.8	74.8	75.2	75.2	75.2	75.7	75.9
≥ 18000	47.6	69.6	71.1	73.0	73.9	74.1	74.6	75.1	75.1	75.4	75.4	75.4	75.9	76.1
≥ 16000	47.8	70.0	71.5	73.3	74.3	74.4	75.3	75.4	75.4	75.7	75.7	75.7	76.3	76.5
≥ 14000	47.8	71.4	71.9	73.7	74.6	74.8	75.4	75.7	75.7	76.1	76.1	76.1	76.7	76.9
≥ 12000	49.8	72.4	73.8	75.7	76.7	76.9	77.4	77.8	77.8	78.1	78.1	78.1	78.7	78.9
≥ 10000	51.3	76.1	77.6	79.4	81.4	81.6	81.1	81.5	81.5	81.9	81.9	81.9	82.4	82.6
≥ 9000	52.6	79.1	79.6	81.5	82.4	82.6	83.1	83.5	83.5	83.9	83.9	83.9	84.4	84.6
≥ 8000	53.3	79.4	80.9	82.8	83.7	83.9	84.4	84.8	84.8	85.2	85.2	85.2	85.7	85.9
≥ 7000	53.7	79.6	81.1	83.0	83.9	84.1	84.6	85.0	85.0	85.4	85.4	85.4	85.9	86.1
≥ 6000	54.3	81.4	81.9	83.7	84.6	84.8	85.4	85.7	85.7	86.1	86.1	86.1	86.7	86.9
≥ 5000	55.3	83.3	84.8	86.7	87.6	87.8	88.3	88.7	88.7	89.1	89.1	89.1	89.6	89.8
≥ 4500	56.1	84.3	85.7	87.6	88.5	88.7	89.3	89.6	89.6	90.0	90.0	90.0	90.6	90.7
≥ 4000	57.5	86.1	87.6	89.4	90.4	90.6	91.1	91.5	91.5	91.9	91.9	91.9	92.4	92.6
≥ 3500	58.7	87.6	89.1	91.9	91.9	92.0	92.6	93.0	93.0	93.3	93.3	93.3	93.9	94.1
≥ 3000	59.1	88.9	90.4	92.2	93.1	93.3	93.8	94.3	94.3	94.6	94.6	94.6	95.2	95.4
≥ 2500	58.5	89.4	90.9	92.8	93.7	93.9	94.4	94.8	94.8	95.2	95.2	95.2	95.7	95.9
≥ 2000	58.5	89.4	90.9	93.1	94.1	94.3	94.8	95.2	95.2	95.6	95.6	95.6	96.1	96.3
≥ 1800	58.5	89.6	91.1	93.3	94.3	94.4	95.1	95.4	95.4	95.7	95.7	95.7	96.3	96.5
≥ 1500	58.5	91.1	91.5	93.7	94.6	94.8	95.4	95.7	95.7	96.1	96.1	96.1	96.7	96.9
≥ 1200	58.5	91.2	91.7	93.9	94.8	95.1	95.6	95.9	95.9	96.3	96.3	96.3	96.9	97.0
≥ 1000	58.5	91.4	91.9	94.1	95.1	95.2	95.7	96.1	96.1	96.5	96.5	96.5	97.0	97.2
≥ 900	58.5	91.4	91.9	94.1	95.4	95.6	96.1	96.5	96.5	96.9	96.9	96.9	97.4	97.6
≥ 800	58.5	91.4	91.9	94.1	95.4	95.6	96.1	96.5	96.5	96.9	96.9	96.9	97.4	97.6
≥ 700	58.5	91.7	92.2	94.4	95.7	95.9	96.5	96.9	96.9	97.2	97.2	97.2	97.8	98.0
≥ 600	58.5	91.9	92.6	94.8	96.1	96.3	96.9	97.2	97.2	97.6	97.6	97.6	98.1	98.3
≥ 500	58.5	91.3	93.0	95.2	96.5	96.7	97.3	97.6	97.6	98.0	98.0	98.0	98.5	98.7
≥ 400	58.5	91.5	93.1	95.4	97.0	97.2	97.8	98.3	98.3	98.7	98.7	98.7	99.3	99.4
≥ 300	58.5	91.5	93.1	95.4	97.2	97.4	98.3	98.9	98.9	99.3	99.3	99.3	99.8	100.0
≥ 200	58.5	91.5	93.1	95.4	97.2	97.4	98.3	98.9	98.9	99.3	99.3	99.3	99.8	100.0
≥ 100	58.5	91.5	93.1	95.4	97.2	97.4	98.3	98.9	98.9	99.3	99.3	99.3	99.8	100.0
≥ 0	58.5	91.5	93.1	95.4	97.2	97.4	98.3	98.9	98.9	99.3	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747545
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-37
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 0
NO CEILING	49.6	56.7	56.9	57.1	57.1	57.1	57.1	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 2000	62.2	73.5	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1800	52.4	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1600	62.4	74.1	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1400	62.6	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1200	65.1	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1000	65.7	79.8	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 900	66.8	81.9	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 800	69.3	83.5	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 700	69.3	83.5	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 600	71.1	85.4	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 500	72.6	87.8	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	73.5	89.4	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	73.7	90.2	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	75.1	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	76.3	93.7	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	76.7	94.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	72.5	96.3	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	73.7	96.5	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	72.9	96.9	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	75.1	97.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	79.1	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	79.1	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	79.1	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	79.1	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	79.1	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	79.1	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	79.1	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	79.1	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	79.1	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	79.1	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	79.1	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

74-83
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1400
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾
NO CEILING	54.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	71.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	71.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	71.5	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	72.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	75.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	76.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000	77.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	78.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 7000	78.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	79.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	81.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	82.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	83.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	84.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	85.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	85.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	86.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	86.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	86.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	86.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	86.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	86.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	86.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	86.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	86.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	86.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	86.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	86.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	86.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	86.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0	86.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ 0
NO CEILING	50.5	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	76.3	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	76.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	76.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000	77.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	79.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	90.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	81.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	83.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000	83.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	83.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	84.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	86.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	86.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	87.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	87.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	88.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 100	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0	88.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-87

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	58.7	61.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 2000	76.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1800	76.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1600	76.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1400	76.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1200	77.4	82.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1000	78.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 900	79.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 800	81.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	82.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 600	82.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 500	82.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 450	82.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 400	82.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 350	83.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 300	84.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 250	85.2	96.5	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 200	85.7	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	85.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	86.3	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	86.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY SEARCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

75-83
YEARS

APR
MONTH

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5
NO CEILING	66.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9
≥ 20000	78.1	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6
≥ 18000	78.1	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6
≥ 16000	78.1	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6
≥ 14000	78.5	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.0
≥ 12000	81.4	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.4
≥ 10000	81.9	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
≥ 9000	82.3	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0
≥ 8000	83.5	89.6	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.8
≥ 7000	83.7	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0
≥ 6000	84.6	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5
≥ 5000	84.8	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
≥ 4500	85.7	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 4000	86.3	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥ 3500	87.2	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 3000	87.4	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
≥ 2500	87.4	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 2000	88.1	97.8	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 1800	88.0	98.0	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 1500	88.1	98.1	98.2	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 1200	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1000	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 900	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 800	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 600	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 400	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 100	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 0	88.3	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

7E-87
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥¾	≥½	≥5/16	≥¼
NO CEILING	35.7	51.6	61.9	62.3	62.5	62.5	62.6	62.7	62.7	62.8	62.8	62.8	62.9	62.9
≥ 20000	69.4	78.3	78.7	79.1	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.8
≥ 18000	59.5	78.4	79.7	79.2	79.4	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8	79.8
≥ 16000	69.6	79.5	79.9	79.4	79.5	79.5	79.6	79.7	79.7	79.8	79.9	79.9	80.0	80.0
≥ 14000	70.0	79.0	79.4	79.8	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.5	80.5
≥ 12000	71.6	81.1	81.5	81.9	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.5	82.6
≥ 10000	72.9	82.2	83.6	84.1	84.2	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7
≥ 9000	73.9	84.4	84.9	85.3	85.5	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.9	86.0
≥ 8000	75.0	86.0	86.4	86.9	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.5	87.5
≥ 7000	75.3	86.2	86.6	87.1	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.7	87.8
≥ 6000	75.9	87.0	87.5	87.9	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.6
≥ 5000	76.8	89.0	89.4	89.8	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.4	90.5	90.5
≥ 4500	77.8	90.5	90.9	91.3	91.5	91.5	91.7	91.8	91.8	91.8	91.9	91.9	92.0	92.0
≥ 4000	78.5	91.7	92.2	92.6	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.2	93.3	93.3
≥ 3500	79.3	92.8	93.3	93.8	94.0	94.0	94.2	94.3	94.3	94.3	94.4	94.4	94.5	94.5
≥ 3000	79.8	94.4	94.8	95.4	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.2
≥ 2500	80.2	95.1	95.7	96.3	96.6	96.6	96.8	96.9	96.9	96.9	96.9	97.0	97.1	97.1
≥ 2000	80.7	95.8	96.4	97.0	97.4	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9
≥ 1800	80.8	95.9	96.5	97.2	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1
≥ 1500	81.0	96.3	96.9	97.5	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5
≥ 1200	81.1	96.6	97.3	98.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.9	99.0	99.0
≥ 1000	81.1	96.7	97.4	98.1	98.5	98.5	98.8	98.8	98.8	98.9	98.9	99.0	99.1	99.1
≥ 900	81.1	96.8	97.4	98.1	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.2	99.2
≥ 800	81.1	96.8	97.4	98.1	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.3	99.3
≥ 700	81.1	96.9	97.6	98.3	98.8	98.8	99.0	99.1	99.1	99.2	99.3	99.4	99.4	99.4
≥ 600	81.1	97.1	97.7	98.4	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.6	99.6
≥ 500	81.1	97.2	97.9	98.6	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.8	99.8
≥ 400	81.1	97.2	97.9	98.7	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.9	99.9	99.9
≥ 300	81.1	97.2	97.9	98.7	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0
≥ 200	81.1	97.3	97.9	98.7	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0
≥ 100	81.1	97.2	97.9	98.7	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0
≥ 0	81.1	97.2	97.9	98.7	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4320

GLOBE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½
NO CEILING	65.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	77.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	77.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	77.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 14000	77.5	85.7	85.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 12000	79.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	81.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	82.3	89.5	91.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 8000	82.7	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	82.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000	82.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	84.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	85.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	85.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	86.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	87.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	87.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	87.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	87.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	87.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	87.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	87.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	87.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	87.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	87.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	87.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	87.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	87.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	87.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16
NO CEILING	51.6	72.6	72.6	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 20000	70.6	84.4	84.4	85.1	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	70.6	84.4	84.4	85.1	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 16000	70.6	84.4	84.4	85.1	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 14000	71.1	85.1	85.1	85.8	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	71.1	86.6	86.6	87.3	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	72.6	88.1	88.1	88.7	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 9000	73.1	89.1	89.1	89.8	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 8000	73.1	89.4	89.4	90.1	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	73.5	89.6	89.6	90.3	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	73.5	89.6	89.6	90.3	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000	74.4	90.7	90.7	91.4	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	75.3	92.3	92.3	93.0	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	76.3	93.2	93.2	93.9	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	76.7	94.3	94.3	95.0	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	76.9	94.6	94.6	95.3	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	76.9	94.8	94.8	95.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	77.2	96.2	96.2	97.1	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	77.4	96.4	96.4	97.3	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	77.6	96.4	97.1	97.3	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	77.8	97.1	97.5	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	77.6	97.5	97.5	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	77.6	97.5	97.5	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	77.6	97.5	97.5	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	77.6	97.5	98.1	98.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	77.6	97.5	98.1	98.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	77.6	97.5	98.1	98.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	77.6	97.8	98.4	98.7	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	77.6	97.8	98.4	98.7	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	77.6	97.8	98.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	77.6	97.8	98.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	77.6	97.8	98.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/8
NO CEILING	33.7	52.9	54.3	55.7	57.2	57.2	57.2	57.3	58.1	58.1	58.1	58.1	58.1
≥ 20000	42.3	52.4	71.1	72.4	73.8	73.8	73.8	74.0	74.7	74.7	74.7	74.7	74.7
≥ 18000	49.5	59.5	71.1	72.6	74.1	74.1	74.1	74.2	74.9	74.9	74.9	74.9	74.9
≥ 16000	50.2	70.4	72.0	73.5	74.9	74.9	74.9	75.1	75.8	75.8	75.8	75.8	75.8
≥ 14000	51.7	71.1	72.8	74.2	75.6	75.6	75.6	75.8	76.5	76.5	76.5	76.5	76.5
≥ 12000	52.3	73.7	75.6	77.1	78.7	78.7	78.7	78.9	79.6	79.6	79.6	79.6	79.6
≥ 10000	54.3	76.7	78.7	81.1	81.7	81.7	81.7	81.9	82.6	82.6	82.6	82.6	82.6
≥ 9000	55.0	77.8	79.9	81.4	83.1	83.1	83.1	83.2	83.9	83.9	83.9	83.9	83.9
≥ 8000	56.1	79.0	81.2	82.6	84.2	84.2	84.2	84.4	85.1	85.1	85.1	85.1	85.1
≥ 7000	57.5	81.5	82.6	84.1	85.7	85.7	85.7	85.8	86.6	86.6	86.6	86.6	86.6
≥ 6000	57.9	81.8	83.1	84.4	86.0	86.0	86.0	86.2	86.9	86.9	86.9	86.9	86.9
≥ 5000	58.6	81.9	84.1	85.5	87.5	87.5	87.5	87.6	88.4	88.4	88.4	88.4	88.4
≥ 4500	59.7	83.3	85.5	87.1	89.1	89.1	89.1	89.2	90.0	90.0	90.0	90.0	90.0
≥ 4000	60.4	85.1	87.5	89.1	91.2	91.2	91.2	91.4	92.1	92.1	92.1	92.1	92.1
≥ 3500	61.6	85.7	88.1	89.6	91.8	91.8	91.8	91.9	92.7	92.7	92.7	92.7	92.7
≥ 3000	61.8	86.2	88.5	90.1	92.7	92.7	92.7	92.8	93.5	93.5	93.5	93.5	93.5
≥ 2500	63.8	86.2	88.9	90.5	93.1	93.1	93.1	93.2	93.9	93.9	93.9	93.9	93.9
≥ 2000	63.8	87.1	89.8	91.4	93.9	93.9	93.9	94.1	94.8	94.8	94.8	94.8	94.8
≥ 1800	64.9	87.6	90.3	92.1	94.6	94.6	94.6	94.8	95.5	95.5	95.5	95.5	95.5
≥ 1500	61.1	88.5	91.2	93.0	95.7	95.7	95.7	95.9	96.6	96.6	96.6	96.6	96.6
≥ 1200	61.1	89.1	91.8	93.5	96.2	96.2	96.2	96.4	97.1	97.1	97.1	97.1	97.1
≥ 1000	61.1	89.2	91.9	93.9	96.6	96.6	96.6	96.8	97.5	97.5	97.5	97.5	97.5
≥ 900	61.1	89.4	92.1	94.1	96.8	96.8	96.8	97.1	97.8	97.8	97.8	97.8	97.8
≥ 800	61.1	89.6	92.3	94.3	97.0	97.0	97.0	97.3	98.0	98.0	98.0	98.0	98.0
≥ 700	61.3	89.8	92.5	94.4	97.1	97.1	97.1	97.5	98.2	98.2	98.2	98.2	98.2
≥ 600	61.3	90.1	92.7	94.6	97.3	97.3	97.3	97.7	98.4	98.4	98.4	98.4	98.4
≥ 500	61.3	90.1	92.8	94.8	97.5	97.5	97.5	97.8	98.7	98.7	98.7	98.7	98.7
≥ 400	61.3	90.1	93.2	95.2	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1
≥ 300	61.3	90.1	93.2	95.2	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1
≥ 200	61.3	90.1	93.2	95.2	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1
≥ 100	61.3	90.1	93.2	95.2	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1
0	61.3	90.1	93.2	95.2	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1

558

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/IAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12000-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25
NO CEILING ≥ 20000	44.3	54.3	55.3	56.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	60.3	73.3	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 16000	60.3	73.3	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000	61.5	74.9	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000	63.6	77.8	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	67.4	82.6	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	69.3	83.7	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 8000	69.3	83.7	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	70.1	84.8	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	70.1	84.8	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	71.7	88.5	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	72.4	89.4	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	72.8	89.8	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	73.1	91.3	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	73.8	91.9	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	74.3	92.5	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	75.2	94.6	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	76.3	95.2	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	76.5	96.2	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	76.5	96.6	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	76.5	96.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/PMAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/4
NO CEILING ≥ 20000	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	67.4	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	67.5	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	68.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000	71.1	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	72.9	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	73.8	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	74.0	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	75.3	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	75.3	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	76.5	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	78.1	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	79.2	92.1	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	79.6	93.1	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	80.3	94.4	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	80.8	95.3	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	81.0	96.4	97.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	81.2	96.6	97.7	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	81.4	96.8	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

558

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/IAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥¾	≥½	≥5/16	≥¼
NO CEILING ≥ 20000	54.8 67.2	57.6 78.2	54.8 77.2	54.8 77.2	54.8 77.2	54.8 77.2	54.8 77.2	54.8 77.2	54.8 77.2	54.8 77.2	54.8 77.2	54.8 77.2	54.8 77.2
≥18000	67.2	76.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥16000	67.2	76.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥14000	60.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥12000	60.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥10000	73.3	83.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	74.9	85.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	75.4	86.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	75.6	86.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	76.1	86.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	77.4	88.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	78.3	90.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	78.5	90.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	79.6	92.1	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	81.3	93.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	87.6	93.9	95.7	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	81.5	95.3	97.3	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	81.5	95.5	97.7	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	81.5	95.5	97.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	81.5	95.7	97.8	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	81.5	95.9	98.1	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	81.5	95.9	98.1	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	81.5	96.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	81.5	96.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	81.5	96.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	81.5	96.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	81.5	96.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	81.5	96.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	81.5	96.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	81.5	96.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	81.5	96.1	98.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 558

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFIP WEATHER SERVICE/WHC

CEILING VERSUS VISIBILITY

707945
STATION

KEMMEDY SPACE CENTER FL
STATION NAME

72-83
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING - FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4
NO CEILING ≥ 20000	42.2	55.6	55.3	58.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3500	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1800	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1200	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1000	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 900	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 800	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 700	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 600	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 500	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 400	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 300	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 200	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 100	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 0	67.9	79.1	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

7E-8Z

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 3/4	≥ 5/16
NO CEILING ≥ 20000	61.6	57.9	62.5	68.5	62.5	58.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 16000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 700	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 600	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 500	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 400	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 300	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 200	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 100	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 0	76.1	84.9	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7

TOTAL NUMBER OF OBSERVATIONS

558

USAF ETAC FORM 101-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KEENEY SPACE CENTER FL
STATION NAME

73-93

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1157

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	≥0
NO CEILING	51.9	61.7	61.5	61.6	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.3
≥ 20000	67.1	76.7	76.6	79.9	81.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 18000	67.1	72.7	70.6	81.0	81.2	80.3	81.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 16000	67.2	73.9	79.8	80.1	81.4	80.4	81.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 14000	67.9	79.6	83.7	81.0	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	69.5	81.7	82.7	83.6	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	71.8	84.7	85.7	86.0	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6
≥ 9000	72.6	86.1	87.1	87.4	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0
≥ 8000	73.7	87.2	88.3	88.6	89.0	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	74.1	87.8	88.9	89.2	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	74.4	88.1	89.2	89.5	89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	75.4	89.4	91.5	90.8	91.3	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4500	76.6	91.9	92.6	92.4	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1
≥ 4000	77.0	91.6	92.8	93.2	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	77.6	92.7	94.0	94.4	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1
≥ 3000	78.1	93.6	94.8	95.3	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1
≥ 2500	78.4	94.0	95.4	95.8	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	78.9	95.2	96.6	97.1	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	79.1	95.5	96.9	97.4	98.1	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	79.2	95.8	97.2	97.8	98.5	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	79.2	96.1	97.3	98.1	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1000	79.2	96.1	97.6	98.2	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3
≥ 900	79.2	96.2	97.6	98.2	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	79.2	96.2	97.7	98.3	99.0	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.4
≥ 700	79.3	96.4	97.9	98.5	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 600	79.3	96.4	97.9	98.5	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	79.3	96.5	97.9	98.5	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	79.3	96.5	98.0	98.6	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	79.3	96.5	98.1	98.6	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	79.3	96.5	98.1	98.6	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	79.3	96.5	98.1	98.6	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0	79.3	96.5	98.1	98.6	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9

4464

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 10-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

74794E
STATION

KEENEY SPACE CENTER FL
STATION NAME

73-83

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING 'FEET'	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼
NO CEILING ≥ 20000	56.9	56.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	72.2	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	72.4	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 14000	73.5	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 12000	75.6	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	77.8	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 9000	79.6	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 8000	79.6	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 7000	79.6	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	80.2	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	80.7	94.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	81.3	95.4	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	81.9	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	82.2	96.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	82.6	97.2	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	83.0	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	83.0	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	83.0	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	83.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	83.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	83.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	83.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	83.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	83.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	83.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	83.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	83.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	83.5	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.5	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.5	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.5	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KEENEY SPACE CENTER FL
STATION NAME

78-87

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	55.1	67.1	63.5	71.0	77.0	77.9	77.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 20000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 18000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 16000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 14000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 12000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 10000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 900	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 800	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 700	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 600	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 500	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 400	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 300	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 200	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 100	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 0	66.3	81.2	82.2	83.7	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/8
NO CEILING	35.1	55.6	56.7	57.2	58.0	58.1	58.5	58.5	58.9	59.1	59.1	59.1	59.1
≥ 20000	40.6	74.6	76.3	77.1	77.8	78.0	78.3	78.3	78.7	78.9	78.9	78.9	78.9
≥ 18000	49.6	74.6	76.3	77.1	77.8	78.0	78.3	78.3	78.7	78.9	78.9	78.9	78.9
≥ 16000	51.9	76.1	77.8	78.5	79.3	79.4	79.8	79.8	80.2	80.4	80.4	80.4	80.4
≥ 14000	51.1	76.5	78.1	78.9	79.6	79.8	80.2	80.2	80.6	80.7	80.7	80.7	80.7
≥ 12000	53.5	81.1	82.8	83.5	84.3	84.4	84.8	84.8	85.2	85.4	85.4	85.4	85.4
≥ 10000	55.0	82.7	85.0	86.1	86.9	87.3	87.4	87.4	87.8	88.0	88.0	88.0	88.0
≥ 9000	56.5	86.1	87.8	88.5	89.3	89.4	89.8	89.8	90.2	90.4	90.4	90.4	90.4
≥ 8000	56.7	86.5	88.1	88.9	89.6	89.8	90.2	90.2	90.6	90.7	90.7	90.7	90.7
≥ 7000	57.1	87.3	88.7	89.4	90.2	90.4	90.7	90.7	91.1	91.3	91.3	91.3	91.3
≥ 6000	57.2	87.4	89.1	89.8	90.6	90.7	91.1	91.1	91.5	91.7	91.7	91.7	91.7
≥ 5000	57.6	88.3	90.2	90.9	91.7	91.9	92.2	92.2	92.6	92.8	92.8	92.8	92.8
≥ 4500	58.0	88.9	90.6	91.3	92.0	92.2	92.6	92.6	93.0	93.1	93.1	93.1	93.1
≥ 4000	58.9	90.1	91.7	92.4	93.1	93.3	93.7	93.7	94.1	94.3	94.3	94.3	94.3
≥ 3500	59.3	90.6	92.2	93.0	93.7	93.9	94.3	94.3	94.6	94.8	94.8	94.8	94.8
≥ 3000	59.3	91.7	92.4	93.1	93.9	94.1	94.4	94.4	94.8	95.0	95.0	95.0	95.0
≥ 2500	59.4	91.9	92.6	93.3	94.1	94.3	94.6	94.6	95.0	95.2	95.2	95.2	95.2
≥ 2000	59.6	91.3	93.0	93.9	94.6	94.8	95.2	95.2	95.6	95.7	95.9	95.9	95.9
≥ 1800	59.6	91.3	93.1	94.1	94.8	95.0	95.4	95.4	95.7	95.9	96.1	96.1	96.1
≥ 1500	60.0	91.9	92.7	94.6	95.4	95.6	96.1	96.1	96.5	96.7	96.9	96.9	96.9
≥ 1200	60.0	92.3	93.9	94.8	95.7	95.9	96.3	96.5	96.9	97.0	97.2	97.2	97.2
≥ 1000	60.0	92.3	93.9	94.8	95.7	95.9	96.3	96.5	96.9	97.0	97.2	97.2	97.2
≥ 900	60.0	92.2	94.1	95.0	95.9	96.1	96.5	96.7	97.0	97.2	97.4	97.4	97.4
≥ 800	60.4	92.8	94.4	95.4	96.3	96.5	96.9	97.0	97.4	97.6	97.8	97.8	97.8
≥ 700	60.4	92.8	94.6	95.6	96.5	96.7	97.0	97.2	97.6	97.8	98.0	98.0	98.0
≥ 600	60.4	93.1	95.0	95.9	96.9	97.0	97.4	97.6	98.0	98.1	98.3	98.3	98.3
≥ 500	60.8	93.9	95.7	96.7	97.6	97.8	98.1	98.3	98.7	98.9	99.1	99.1	99.1
≥ 400	60.8	94.1	95.9	96.9	98.1	98.3	98.9	99.3	99.4	99.4	99.6	99.6	99.6
≥ 300	60.9	94.1	96.1	97.0	98.3	98.5	99.1	99.4	99.4	99.8	100.0	100.0	100.0
≥ 200	60.8	94.1	96.1	97.0	98.3	98.5	99.1	99.4	99.4	99.8	100.0	100.0	100.0
≥ 100	60.9	94.1	96.1	97.0	98.3	98.5	99.1	99.4	99.4	99.8	100.0	100.0	100.0
≥ 0	60.9	94.1	96.1	97.0	98.3	98.5	99.1	99.4	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

76-37
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ 0
NO CEILING	33.1	49.6	51.2	51.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	34.6	71.1	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	54.6	71.1	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	54.6	71.5	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	55.6	73.0	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	59.1	77.2	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	63.3	82.4	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	64.3	84.8	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 8000	65.7	86.5	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	66.1	86.9	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	66.5	87.6	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	67.4	88.9	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	68.7	90.6	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	68.9	90.9	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	68.9	91.3	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	69.6	92.2	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	69.6	92.6	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	71.7	95.9	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	72.2	96.7	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	72.4	97.1	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	72.8	97.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	72.8	97.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	73.0	97.8	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	73.0	97.8	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	73.1	97.8	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	73.1	98.0	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	73.1	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	73.1	98.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	73.1	98.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	73.1	98.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	73.1	98.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	73.1	98.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-87
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	37.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	55.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	55.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	55.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	56.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	60.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	65.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	67.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	69.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	69.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	69.9	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	70.9	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	72.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	73.1	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	74.1	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	75.2	92.8	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	75.7	94.4	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	77.8	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	78.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	73.1	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	76.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	78.1	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/KAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

75-82
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ 0
NO CEILING	37.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	55.2	66.1	66.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	55.2	66.1	66.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	55.4	66.3	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	55.9	67.6	68.3	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	60.8	73.1	73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	64.6	79.6	81.7	81.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	66.7	82.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	67.6	84.1	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	67.8	84.3	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	68.7	85.4	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	69.4	86.1	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	71.3	88.5	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	71.7	88.9	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	72.3	90.6	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	73.5	92.6	94.4	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	74.1	93.7	95.7	96.1	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	74.8	94.6	96.7	97.2	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	75.0	95.0	97.0	97.6	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	75.2	95.7	97.8	98.3	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	75.2	95.9	98.1	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	75.2	95.9	98.1	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	75.2	95.9	98.0	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

540

CEILING VERSUS VISIBILITY

78-83

SEEK

1113

1847-2000
HOURS 11:51

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING feet	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 0
≥ 2000	33.7	41.5	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 1800	57.0	69.6	71.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1600	57.0	69.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1400	57.0	69.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1200	55.0	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1000	61.9	75.6	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 900	67.7	83.5	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 800	65.6	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 700	71.3	85.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 600	71.3	85.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	71.7	90.2	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 400	72.2	91.3	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 300	72.4	91.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 200	72.5	93.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 100	72.8	93.5	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 0	73.1	94.1	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	73.3	94.8	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1600	73.7	95.4	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1400	74.3	96.3	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	74.3	96.5	98.1	98.7	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	74.3	96.5	98.0	98.7	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	74.3	96.7	98.1	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 547

USAF ETAC FORM 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

FORM 3-58 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

JUN
MONTH

2100-2300
HOURS (UST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	47.7	51.4	57.7	57.7	57.7	50.7	57.7	57.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	60.8	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 18000	70.0	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	79.2	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	77.6	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	73.3	81.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	76.1	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000	79.1	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	81.5	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	81.7	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	81.7	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 5000	81.9	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	82.2	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	82.2	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	82.8	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	83.1	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	83.5	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	83.9	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	84.1	98.0	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	84.4	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	84.4	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945

KENNEDY SPACE CENTER FL

73-87

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ ½	≥ ¼	≥ 0
NO CEILING	42.6	52.7	57.4	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	61.1	74.1	74.8	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	61.1	74.1	74.8	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 16000	60.5	74.5	75.3	75.7	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	61.2	75.4	76.3	76.7	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	64.1	79.2	80.0	80.5	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	67.5	83.8	84.7	85.1	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000	69.4	86.7	87.7	88.1	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	70.4	88.2	89.2	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	70.6	88.4	89.4	89.9	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	70.9	89.1	90.0	90.5	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	71.6	90.1	91.1	91.6	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	72.3	91.2	92.2	92.7	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	72.8	91.8	92.9	93.4	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	73.2	92.5	93.6	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	73.8	93.3	94.4	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	74.1	94.1	95.3	95.9	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	74.8	95.4	96.7	97.4	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	75.0	95.8	97.1	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	75.2	96.1	97.4	98.1	98.4	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	75.2	96.3	97.6	98.4	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	75.2	96.3	97.6	98.4	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	75.3	96.4	97.7	98.5	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	75.3	96.5	97.8	98.6	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	75.3	96.5	97.8	98.6	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	75.4	96.6	98.0	98.8	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	75.5	96.8	98.1	98.9	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	75.5	96.8	98.2	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	75.6	96.9	98.3	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	75.6	96.9	98.3	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	75.6	96.9	98.3	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	75.6	96.9	98.3	99.1	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 4320

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

7C-83
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 20000	76.9	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 18000	76.9	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 16000	77.1	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 14000	77.4	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 12000	78.7	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 10000	85.5	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 9000	82.1	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	82.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	82.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-87
YEARS

III
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS CST

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	57.7	76.7	77.8	78.1	78.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 20000	59.7	91.4	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.0	93.0	93.0	93.0
≥ 18000	69.7	91.4	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.0	93.0	93.0	93.0
≥ 16000	69.9	91.6	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 14000	70.4	92.1	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 12000	71.9	93.5	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 10000	73.5	95.5	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 9000	74.2	97.0	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 8000	74.6	97.3	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 7000	74.6	97.3	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 6000	74.6	97.3	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	75.1	97.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	75.1	97.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	75.6	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 558

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/IAC

CEILING VERSUS VISIBILITY

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 72-83 YEARS JUL MONTH 1600-1800 HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ 0
NO CEILING ≥ 20000	44.1	6.6	62.2	64.0	66.5	67.0	67.4	67.4	67.4	67.4	67.4	67.6
≥ 18000	53.6	79.7	81.5	83.5	86.1	86.6	86.9	86.9	86.9	86.9	86.9	87.1
≥ 16000	55.1	80.1	81.6	83.9	86.4	86.9	87.3	87.3	87.3	87.3	87.3	87.5
≥ 14000	59.7	81.8	82.6	84.6	87.1	87.6	88.1	88.1	88.1	88.1	88.1	88.2
≥ 12000	62.3	83.2	84.5	86.9	89.4	90.0	90.3	90.3	90.3	90.3	90.3	90.5
≥ 10000	64.0	85.7	87.6	89.6	92.1	92.7	93.1	93.0	93.0	93.0	93.0	93.2
≥ 9000	65.6	88.2	91.1	92.1	94.8	95.3	95.7	95.7	95.7	95.7	95.7	95.9
≥ 8000	65.8	88.5	91.5	92.5	95.2	95.7	96.1	96.1	96.1	96.1	96.1	96.2
≥ 7000	66.1	89.1	91.1	92.7	95.3	95.9	96.2	96.6	96.6	96.6	96.6	96.8
≥ 6000	66.1	89.2	91.6	93.5	96.2	96.8	97.1	97.1	97.1	97.1	97.1	97.3
≥ 5000	66.1	89.2	91.6	93.5	96.2	96.8	97.1	97.1	97.1	97.1	97.1	97.3
≥ 4500	66.1	89.2	91.6	93.5	96.2	96.8	97.1	97.1	97.1	97.1	97.1	97.3
≥ 4000	66.5	89.6	91.5	93.9	96.6	97.1	97.5	97.5	97.5	97.5	97.5	97.7
≥ 3500	66.7	89.8	92.1	94.1	96.8	97.3	97.7	97.7	97.7	97.7	97.7	97.8
≥ 3000	66.7	89.8	92.1	94.1	96.8	97.3	97.7	97.7	97.7	97.7	97.7	97.8
≥ 2500	66.7	89.8	92.1	94.1	96.8	97.3	97.7	97.7	97.7	97.7	97.7	97.8
≥ 2000	66.8	90.1	92.5	94.4	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1800	67.0	90.5	92.9	94.8	97.5	98.0	98.4	98.4	98.4	98.4	98.4	98.7
≥ 1500	67.2	91.7	93.1	95.2	97.8	98.4	98.7	98.7	98.7	98.7	98.7	99.1
≥ 1200	67.2	91.7	93.1	95.2	97.8	98.4	98.7	98.7	98.7	98.7	98.7	99.1
≥ 1000	67.2	90.7	93.1	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.3
≥ 900	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.3
≥ 800	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.3
≥ 700	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.3
≥ 600	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.3
≥ 500	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.3
≥ 400	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.3
≥ 300	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.5
≥ 200	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.5
≥ 100	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.8
≥ 0	67.2	90.7	93.0	95.2	98.1	98.6	98.9	98.9	98.9	98.9	98.9	99.8

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 78-83 YEARS MONTH JULI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	72.4	51.1	54.1	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	63.1	79.4	83.5	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	63.1	79.4	83.5	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	64.7	81.0	85.1	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	66.8	82.7	87.8	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	68.8	86.1	90.1	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 10000	72.8	90.3	94.4	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	73.3	90.9	95.0	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	73.5	91.2	95.3	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	73.5	91.2	95.3	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 6000	73.7	91.4	95.9	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	73.8	91.8	96.2	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4500	73.8	91.8	96.2	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	74.1	91.9	96.4	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	74.1	91.9	96.4	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	74.1	91.9	96.4	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	74.2	92.3	96.8	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	74.7	93.2	97.7	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	75.1	93.5	98.0	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	75.3	93.7	98.2	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	75.3	93.7	98.2	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	75.3	93.7	98.2	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	75.3	93.9	98.4	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	75.3	93.9	98.4	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	75.3	94.1	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	75.3	94.1	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	75.3	94.1	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	75.3	94.1	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	75.3	94.1	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	75.3	94.1	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	75.3	94.1	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	75.3	94.1	98.6	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL 78-83 YEARS MONTH 1200-1400 HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	32.7	43.1	46.6	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	52.2	75.8	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	62.2	75.8	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	62.4	76.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 14000	63.8	78.5	82.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	66.1	81.7	85.3	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	68.1	84.1	88.5	88.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	68.8	84.8	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	69.7	86.2	90.7	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000	69.7	86.2	90.7	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	69.7	86.2	90.7	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000	70.1	86.7	91.2	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	70.3	87.3	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	70.6	87.8	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	71.7	88.5	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	71.5	89.4	94.1	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	72.9	91.8	96.8	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	73.5	92.8	97.8	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	74.2	93.5	98.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	74.2	93.7	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL 78-87 YEARS MONTH 1500-1700 HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	33.7	41.6	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 20000	59.1	71.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	59.1	71.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	59.5	71.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	60.9	73.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	62.9	76.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	65.4	81.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	66.3	82.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	67.6	84.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	67.2	84.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	67.9	84.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	67.9	85.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	68.5	86.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	68.8	86.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	69.5	88.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	70.3	89.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	70.6	90.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	70.8	91.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	71.0	91.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	71.1	91.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	71.1	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 200	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 100	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 0	71.0	91.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 717945 KENNEDY SPACE CENTER FL STATION NAME 72-83 YEARS MONTH JUL

1800-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING ≥ 20000	53.2 57.5	41.3 71.3	41.3 73.7	42.1 74.2	42.1 74.2	42.1 74.2	42.1 74.2	42.1 74.2	42.1 74.2	42.1 74.2	42.1 74.2	42.1 74.2
≥ 18000	57.5	70.3	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	57.5	70.6	73.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	59.9	72.8	75.8	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000	61.3	75.6	78.7	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	65.4	80.6	84.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000	68.1	84.2	88.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	69.4	86.4	90.3	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	69.5	86.7	90.7	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000	69.7	86.9	90.9	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	70.4	87.6	91.6	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	70.6	88.0	91.9	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	71.0	89.2	93.2	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	71.1	89.2	93.2	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	71.3	89.8	93.9	95.1	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 2500	71.7	90.9	95.3	96.4	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5
≥ 2000	71.9	91.6	96.1	97.1	98.2	98.2	98.2	98.4	98.4	98.6	98.6	98.6
≥ 1800	71.9	91.6	96.1	97.1	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6
≥ 1500	71.9	91.6	96.1	97.1	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6
≥ 1200	72.2	92.1	96.6	97.7	98.7	98.7	98.9	98.9	99.1	99.3	99.3	99.3
≥ 1000	72.2	92.3	96.8	97.8	98.9	98.9	99.1	99.1	99.1	99.3	99.5	99.5
≥ 900	72.2	92.3	96.8	97.8	98.9	98.9	99.1	99.1	99.1	99.3	99.5	99.5
≥ 800	72.2	92.5	97.0	98.0	99.1	99.1	99.3	99.3	99.3	99.5	99.6	99.6
≥ 700	72.2	92.5	97.0	98.0	99.1	99.1	99.3	99.3	99.3	99.5	99.6	99.6
≥ 600	72.2	92.5	97.0	98.0	99.1	99.1	99.3	99.3	99.3	99.5	99.6	99.6
≥ 500	72.2	92.5	97.0	98.0	99.1	99.1	99.3	99.3	99.3	99.5	99.6	99.6
≥ 400	72.2	92.5	97.0	98.0	99.1	99.1	99.3	99.3	99.3	99.5	99.6	99.6
≥ 300	72.2	92.5	97.0	98.0	99.1	99.1	99.3	99.3	99.3	99.5	99.6	99.6
≥ 200	72.2	92.5	97.0	98.0	99.1	99.1	99.3	99.3	99.3	99.5	99.6	99.6
≥ 100	72.2	92.5	97.0	98.0	99.1	99.1	99.3	99.3	99.3	99.5	99.6	99.6
≥ 0	72.2	92.5	97.0	98.0	99.1	99.1	99.3	99.3	99.3	99.5	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 76-87 YEARS MONTH 2100-2300 HOURS USTT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.1 67.0	57.9 81.2	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9	58.6 81.9
≥ 18000	67.1	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 16000	67.2	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000	69.2	83.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	72.1	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	74.4	89.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	77.2	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	77.4	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 7000	77.4	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	77.8	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 5000	78.1	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	78.3	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	78.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	78.9	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	79.1	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	79.4	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	79.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	79.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	79.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	81.1	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	81.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 11511

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 0
NO CEILING	44.0	55.7	57.4	57.8	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	54.2	81.0	82.3	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 18000	64.3	81.1	82.4	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 16000	64.3	80.6	82.9	83.3	83.8	83.9	84.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	66.3	82.4	84.7	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 12000	68.3	84.3	87.1	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	71.7	88.2	91.7	91.2	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	72.7	89.9	92.4	92.9	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	72.5	90.7	93.3	93.8	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 7000	72.6	90.9	93.4	93.9	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	72.7	91.0	93.7	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	73.1	91.4	94.1	94.5	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	73.1	91.8	94.4	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	73.4	92.3	94.9	95.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500	73.6	92.7	95.3	95.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	73.8	93.3	95.7	96.3	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	74.2	93.6	96.6	97.2	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	74.4	94.2	97.2	97.8	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	74.6	94.5	97.4	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	74.6	94.6	97.6	98.2	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	74.8	94.8	97.7	98.4	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	74.8	94.8	97.8	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	74.8	94.8	97.8	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	74.8	94.8	97.8	98.5	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	74.8	94.9	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	74.8	94.9	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	74.8	94.9	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	74.9	94.9	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	74.8	94.9	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	74.8	94.9	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	74.8	94.9	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	74.8	94.9	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

4464

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBEAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

74794e STATION KENNEDY SPACE CENTER FL 78-87 YEARS AUG MONTH 0000-0200 HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥5/16
NO CEILING	65.3	71.6	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	79.2	85.5	86.2	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 18000	79.2	85.5	86.2	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 16000	79.4	85.7	86.4	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 14000	81.6	86.9	87.6	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	82.8	88.2	89.0	89.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 10000	85.7	92.7	93.4	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 9000	86.4	94.1	94.8	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 8000	86.6	94.3	95.0	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	86.9	94.6	95.3	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	86.9	94.6	95.3	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 5000	87.5	95.2	95.9	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	87.8	95.5	96.2	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	87.8	95.5	96.2	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	88.1	95.7	96.4	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	88.1	95.9	96.6	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	88.1	95.9	96.6	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	88.1	96.2	97.0	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	88.2	96.4	97.5	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	88.2	97.0	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	88.2	97.0	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	88.2	97.0	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	88.2	97.1	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	88.2	97.1	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	88.2	97.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	88.2	97.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	88.2	97.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	88.2	97.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	88.2	97.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	88.2	97.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	88.2	97.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	88.2	97.5	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

707945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

70-83
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

CEILING 'FEET'	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	½	≥ 5/16	¼	≥ 0
NO CEILING	52.7	72.4	73.1	74.0	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20000	72.7	83.2	83.9	84.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	72.4	83.5	84.2	85.1	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 16000	72.4	83.7	84.4	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 14000	73.3	84.4	85.1	86.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 12000	75.4	86.7	87.5	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 10000	77.8	89.4	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	78.5	91.0	91.8	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 8000	78.9	91.4	92.1	93.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 7000	79.1	91.6	92.3	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	80.1	92.7	93.4	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 5000	80.3	93.1	93.7	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	80.3	93.2	93.9	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	80.3	93.7	94.4	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500	80.6	95.0	95.7	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	80.6	95.0	95.7	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	80.6	95.1	95.7	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	80.6	95.5	96.4	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	80.6	95.7	96.6	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	80.6	95.7	96.6	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	80.6	95.9	96.8	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	80.6	95.9	96.8	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	80.6	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	80.6	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	80.8	96.6	97.5	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	80.8	96.6	97.5	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	80.8	96.6	97.5	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	80.8	96.6	97.5	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	80.8	96.6	97.5	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	80.8	96.6	97.5	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	80.8	96.6	97.5	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	80.8	96.6	97.5	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 550

GLOBAL CLIMATOLOGY OF AFB
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747943 STATION KENNEDY SPACE CENTER FL 78-83 YEARS MONTH AUG

0600-0800 HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING /FEET.	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	47.8	64.0	64.0	65.6	66.2	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.0
≥ 20000	60.6	81.1	81.4	82.1	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5
≥ 18000	60.6	80.3	81.5	82.3	83.0	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7
≥ 16000	62.5	82.8	84.1	84.8	85.5	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
≥ 14000	63.4	83.7	84.9	85.7	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1
≥ 12000	66.1	87.5	88.7	89.4	90.1	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.9
≥ 10000	68.3	90.3	91.6	92.3	93.0	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
≥ 8000	69.2	91.4	92.7	93.4	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8
≥ 7000	69.4	91.8	93.0	93.7	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
≥ 6000	69.7	92.1	93.4	94.1	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5
≥ 5000	70.1	92.7	93.9	94.6	95.3	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1
≥ 4500	70.3	93.0	94.3	95.0	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4
≥ 4000	70.3	93.7	95.0	95.7	96.4	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 3500	71.3	93.7	95.2	95.9	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3
≥ 3000	71.3	93.9	95.3	96.1	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5
≥ 2500	71.4	94.1	95.5	96.2	97.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
≥ 2000	70.4	94.1	95.3	96.2	97.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
≥ 1800	70.6	95.2	96.6	97.3	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1500	70.6	95.2	96.8	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 1200	70.8	95.3	96.8	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 1000	70.8	95.3	96.8	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 900	70.8	95.3	96.8	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 800	70.8	95.3	96.8	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 700	70.8	95.3	96.8	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 600	70.8	95.3	96.8	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 500	70.8	95.3	96.8	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 400	70.8	95.3	96.8	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 300	71.0	95.3	97.0	98.0	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
≥ 200	70.8	95.3	97.0	98.0	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 100	70.8	95.3	97.0	98.0	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 0	70.8	95.3	97.0	98.0	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS 552

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945

KENNEDY SPACE CENTER FL

73-87

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼
NO CEILING	48.7	53.9	54.1	54.3	54.7	54.3	54.3	54.7	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	70.8	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	70.8	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	72.2	81.0	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	74.2	83.5	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000	73.9	89.6	91.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 10000	87.1	91.2	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 9000	82.1	93.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	82.6	94.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	82.6	94.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 6000	82.3	94.8	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	83.1	95.2	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	83.1	95.2	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	83.0	95.2	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	83.1	95.2	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	83.1	95.2	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	83.3	95.5	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	85.1	97.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	85.1	97.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	85.7	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

558

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

707945 STATION KENNEDY SPACE CENTER FL 70-27 YEARS AUG MONTH 1200-1400 HOURS 1151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ 0
NO CEILING ≥ 20000	4.0	44.8	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	60.2	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	60.2	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1500	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1000	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 900	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 800	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 700	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 600	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 500	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 400	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 300	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 200	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 100	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 0	70.1	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY STATION
USAF ETAC
AIR WEATHER SERVICE/FAO

CEILING VERSUS VISIBILITY

777945
STATION

KEENEY SPACE CENTER FL
STATION NAME

73-82
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥0
NO CEILING	76.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 20000	60.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	62.1	76.3	76.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	68.1	76.3	76.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 14000	69.7	76.3	76.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 12000	72.5	81.7	81.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	74.7	86.4	86.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	75.8	88.4	88.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	76.9	90.1	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	76.9	90.7	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000	76.9	90.7	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	77.2	91.6	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500	77.2	92.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	77.6	92.7	93.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	78.1	93.0	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	78.1	93.0	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	78.5	94.4	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	79.7	95.5	96.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	79.7	95.7	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0	79.9	96.1	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 558

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL 76-87 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING ≥ 20000	37.6 67.0	41.2 75.4	41.4 76.3	42.1 77.2	42.3 77.4	42.5 77.6	42.5 77.6	42.5 77.6	42.5 77.6	42.5 77.6	42.5 77.6	42.5 77.6	42.5 77.6
≥ 18000	67.4	76.2	77.1	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	67.4	76.3	77.4	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	69.3	77.4	78.5	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	71.6	81.7	82.8	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	73.1	85.9	87.3	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	74.2	87.3	88.9	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	75.3	90.7	92.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 7000	75.4	91.1	92.8	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	75.4	91.2	93.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	75.4	91.4	93.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	75.8	91.8	93.5	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	76.1	92.7	94.4	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	76.1	92.7	94.4	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	76.3	93.5	95.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	76.5	93.7	96.1	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	76.6	95.0	97.5	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	76.6	95.0	97.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	76.9	95.1	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	76.9	95.1	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	76.9	95.1	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0	76.9	95.0	97.7	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-87

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.4	53.9	54.7	54.8	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	75.1	81.6	81.4	81.9	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 18000	75.8	81.4	82.1	82.6	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 16000	76.1	81.5	82.3	82.8	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	77.2	83.1	83.7	84.2	84.2	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 12000	81.5	86.4	87.1	87.6	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	92.4	90.7	91.4	91.9	91.9	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 9000	93.7	92.9	93.2	93.7	93.7	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 8000	95.7	95.3	96.1	96.6	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000	95.7	95.3	96.1	96.6	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	95.7	95.3	96.1	96.6	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	95.7	95.3	96.1	96.6	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	95.8	96.2	97.0	97.5	97.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	95.8	96.4	97.1	97.7	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	96.1	96.8	97.5	98.0	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	96.1	97.0	97.7	98.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	96.5	97.3	98.1	98.6	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	96.0	97.5	98.2	98.5	98.5	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	96.0	97.5	98.2	98.5	98.5	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	96.1	97.5	98.4	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	96.1	97.5	98.4	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	96.0	97.7	98.6	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	96.0	97.7	98.6	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	96.1	97.7	98.6	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	96.1	97.7	98.7	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.1	97.7	98.7	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.1	97.7	98.7	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.0	97.7	98.7	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.0	97.7	98.7	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.1	97.7	98.7	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.1	97.7	98.7	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.0	97.7	98.7	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-57
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (24 HRS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6
NO CEILING	49.1	55.4	55.8	56.4	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	71.2	79.7	80.3	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.5
≥ 18000	71.4	80.0	80.6	81.3	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 16000	71.0	80.7	81.4	82.1	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 14000	72.4	82.2	82.9	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	75.3	86.1	86.7	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	77.5	89.4	90.2	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	78.3	91.1	91.8	92.5	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 8000	79.3	92.4	93.2	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 7000	79.4	92.7	93.5	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	79.7	93.1	93.9	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 5000	79.9	93.4	94.2	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	80.0	93.8	94.6	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	80.1	94.1	95.0	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500	80.3	94.5	95.4	96.1	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	81.4	94.8	95.8	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	80.7	95.2	96.2	96.9	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	81.1	96.3	97.4	98.1	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8
≥ 1800	81.2	96.4	97.5	98.3	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1500	81.3	96.6	97.8	98.6	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 1200	81.3	96.6	97.8	98.6	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.5
≥ 900	81.3	96.7	97.9	98.7	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6
≥ 800	81.3	96.7	97.9	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.7	99.7
≥ 700	81.3	96.8	98.0	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7
≥ 600	81.3	96.8	98.0	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7
≥ 500	81.3	96.8	98.0	98.8	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7
≥ 400	81.3	96.8	98.0	98.8	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8
≥ 300	81.3	96.8	98.0	98.8	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	81.3	96.8	98.0	98.8	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 100	81.3	96.8	98.0	98.8	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 0	81.3	96.8	98.0	98.8	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 4464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945

KENNEDY SPACE CENTER FL

73-83

STATION NAME

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING 'FEET'	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.16	≥.1
NO CEILING	54.6	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	76.3	81.3	81.9	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	76.9	81.9	82.4	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 16000	76.9	81.9	82.4	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 14000	77.1	82.2	82.8	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	80.6	86.3	86.9	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	82.9	88.7	89.3	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	84.3	90.4	90.9	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	85.1	91.3	91.9	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	85.7	92.1	92.6	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	85.9	92.2	92.8	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5
≥ 5000	85.9	92.2	92.8	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	86.9	93.2	93.8	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	87.2	93.7	94.3	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	88.1	94.6	95.2	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	88.7	95.4	95.9	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	89.3	96.5	97.2	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	89.4	97.6	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

747943
STATION

KENNEDY SPACE CENTER FL
STATION NAME

71-82
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	56.7	67.1	63.2	69.9	69.1	59.1	69.1	59.1	69.1	69.1	69.1
≥ 20000	70.8	81.9	87.1	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 18000	70.8	81.9	83.1	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	70.8	82.2	83.5	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 14000	71.9	82.2	83.5	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000	73.2	84.6	85.1	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	75.9	87.2	88.7	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 9000	77.0	88.5	90.0	90.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 8000	78.3	90.4	91.9	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	78.5	91.7	92.2	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	78.5	91.7	92.2	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	78.7	91.3	92.8	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	78.9	91.5	93.0	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	79.4	92.2	93.7	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	81.2	93.3	94.8	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	81.1	94.3	95.7	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	81.1	94.3	95.7	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	81.7	95.6	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	81.7	95.7	97.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	81.7	95.9	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	81.7	95.9	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	81.7	95.9	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	81.9	96.1	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	81.9	96.1	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	82.1	96.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	82.1	96.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	82.2	96.5	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	82.2	96.5	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	82.2	96.5	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	82.2	96.5	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	82.2	96.5	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	82.2	96.5	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/JMC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-87

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING	41.5	53.3	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.9	55.9	55.9	55.9
≥ 20000	58.5	74.6	76.1	77.4	77.6	77.6	77.8	77.8	77.8	78.5	78.5	78.5	78.5
≥ 18000	58.9	75.0	76.5	77.8	78.1	78.1	78.1	78.1	78.1	78.9	78.9	78.9	78.9
≥ 16000	60.4	76.5	78.1	79.8	80.1	80.1	80.2	80.2	80.2	80.9	80.9	80.9	80.9
≥ 14000	61.7	78.1	79.4	81.3	81.5	81.5	81.7	81.7	81.7	82.4	82.4	82.4	82.4
≥ 12000	65.1	82.0	83.7	85.6	85.7	85.7	85.9	85.9	85.9	86.7	86.7	86.7	86.7
≥ 10000	67.2	85.0	86.7	88.5	88.7	88.7	88.9	88.9	88.9	89.6	89.6	89.6	89.6
≥ 9000	67.6	85.7	87.4	89.2	89.4	89.4	89.6	89.6	89.6	90.4	90.4	90.4	90.4
≥ 8000	68.5	86.9	88.5	90.4	90.6	90.6	90.7	90.7	90.7	91.5	91.5	91.5	91.5
≥ 7000	68.7	87.1	88.7	90.6	90.7	90.7	90.9	90.9	90.9	91.7	91.7	91.7	91.7
≥ 6000	68.7	87.1	88.7	90.6	90.7	90.7	90.9	90.9	90.9	91.7	91.7	91.7	91.7
≥ 5000	69.1	88.1	89.8	91.7	91.9	91.9	92.1	92.1	92.1	92.8	92.8	92.8	92.8
≥ 4500	70.2	89.4	91.3	93.1	93.3	93.3	93.5	93.5	93.5	94.3	94.3	94.3	94.3
≥ 4000	70.2	89.6	91.5	93.3	93.5	93.5	93.7	93.7	93.7	94.4	94.4	94.4	94.4
≥ 3500	70.2	89.6	91.5	93.3	93.5	93.5	93.7	93.7	93.7	94.4	94.4	94.4	94.4
≥ 3000	70.2	89.6	91.5	93.3	93.5	93.5	93.7	93.7	93.7	94.4	94.4	94.4	94.4
≥ 2500	70.4	90.4	91.9	94.1	94.3	94.3	94.4	94.4	94.4	95.0	95.0	95.0	95.0
≥ 2000	71.7	92.4	94.6	97.0	97.2	97.2	97.6	97.6	97.6	98.3	98.3	98.3	98.3
≥ 1800	71.7	92.4	94.6	97.0	97.2	97.2	97.6	97.6	97.6	98.3	98.3	98.3	98.3
≥ 1500	71.7	92.4	94.6	97.0	97.2	97.2	97.6	97.6	97.6	98.3	98.3	98.3	98.3
≥ 1200	71.9	92.6	95.1	97.4	97.6	97.6	98.1	98.1	98.1	98.9	98.9	98.9	98.9
≥ 1000	71.9	92.6	95.1	97.4	97.6	97.6	98.1	98.1	98.1	99.1	99.1	99.1	99.1
≥ 900	71.9	92.6	95.1	97.4	97.6	97.6	98.1	98.1	98.1	99.1	99.1	99.1	99.1
≥ 800	72.0	92.8	95.2	97.6	97.8	97.8	98.3	98.3	98.3	99.3	99.3	99.3	99.3
≥ 700	72.4	93.1	95.6	98.0	98.1	98.1	98.7	98.7	98.7	99.6	99.6	99.6	99.6
≥ 600	72.4	93.1	95.6	98.0	98.1	98.1	98.7	98.7	98.7	99.6	99.6	99.6	99.6
≥ 500	72.4	93.1	95.6	98.0	98.1	98.1	98.7	98.7	98.7	99.6	99.6	99.6	99.6
≥ 400	72.4	93.1	95.6	98.0	98.1	98.1	98.7	98.7	98.7	99.6	99.6	99.6	99.6
≥ 300	72.4	93.1	95.6	98.0	98.1	98.1	98.7	98.7	98.7	99.6	99.6	99.6	99.6
≥ 200	72.4	93.1	95.6	98.0	98.1	98.1	98.7	98.7	98.7	99.6	99.6	99.6	99.6
≥ 100	72.4	93.1	95.6	98.0	98.1	98.1	98.7	98.7	98.7	99.6	99.6	99.6	99.6
≥ C	72.4	93.1	95.6	98.0	98.1	98.1	98.7	98.7	98.7	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747045 STATION KENNEDY SPACE CENTER FL 73-53 YEARS SEP MONTH 0000-1100 HOURS EST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)											
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1
NO CEILING	38.3	41.5	43.1	43.3	43.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	62.2	69.3	71.7	71.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	52.6	60.6	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	62.5	69.6	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	55.1	72.2	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 12000	69.6	77.8	79.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	73.1	82.2	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	74.1	83.5	85.0	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	74.8	84.8	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	74.8	84.8	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	74.8	84.8	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 5000	75.7	85.9	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	77.4	88.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	77.4	88.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	78.1	89.6	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	78.3	89.8	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	78.9	91.1	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	81.9	95.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	82.2	95.7	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	82.4	95.9	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	82.6	96.5	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	82.6	96.5	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	82.8	96.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	82.9	96.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	82.9	96.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	82.8	96.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	82.8	96.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	82.8	96.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	82.8	96.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	82.8	96.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	82.8	96.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	82.8	96.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

717945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-87
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12110-14110
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ 0
NO CEILING	36.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 20000	67.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	67.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	67.8	73.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	68.9	75.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	74.8	82.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	75.0	87.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	75.0	87.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	78.1	87.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	78.5	88.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	78.7	88.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 5000	78.3	88.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	80.0	89.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	80.4	90.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	81.9	91.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	81.5	92.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	82.2	93.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	83.1	96.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	83.1	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	83.1	96.5	98.1	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	83.1	96.5	98.1	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	83.1	96.7	98.1	98.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY SEARCH
USAF ETAC
AIR WEATHER SERVICE/IAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-87

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.75	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ 0
NO CEILING	34.1	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	61.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	52.2	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	52.6	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	64.4	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	71.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	74.3	84.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	75.4	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	75.4	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	75.4	87.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	75.4	87.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	75.5	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	77.7	89.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	77.7	89.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	77.4	90.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	77.8	92.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	78.7	92.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	79.8	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	79.8	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 100	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
0	79.8	96.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 5411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-93

YEARS

SFP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/8
NO CEILING ≥ 20000	43.2	43.1	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 18000	64.1	69.1	69.8	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	64.8	69.8	71.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	65.4	70.9	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 12000	69.9	75.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	73.1	81.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	76.7	85.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 8000	77.6	87.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	77.8	88.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	77.8	88.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	78.1	89.4	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	78.1	89.4	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	78.3	91.1	92.4	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	78.1	91.3	92.6	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	78.4	92.2	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	78.3	94.1	95.6	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	81.0	95.0	96.5	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	80.2	95.4	96.9	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	80.2	95.6	97.1	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	80.6	95.9	97.4	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	80.6	95.9	97.4	98.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/RAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

70-87
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥0
NO CEILING ≥ 20000	43.7	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 18000	71.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	72.2	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	72.2	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	73.1	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	76.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	79.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	81.5	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	82.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	83.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	83.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	83.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	83.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	84.6	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	85.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	85.9	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	86.5	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	87.0	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	87.1	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	87.1	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	87.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945

KENNEDY SPACE CENTER FL

73-37

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 0
NO CEILING	43.0	42.7	40.7	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	66.6	73.9	74.8	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4
≥ 18000	66.9	74.3	75.2	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8
≥ 16000	67.3	74.7	75.7	76.2	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4
≥ 14000	68.3	76.1	77.0	77.5	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7
≥ 12000	72.5	81.0	82.0	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7
≥ 10000	75.4	85.1	86.2	86.7	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9
≥ 9000	76.8	86.9	88.1	88.5	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8
≥ 8000	77.5	88.1	89.3	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0
≥ 7000	77.8	88.6	89.8	90.3	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5
≥ 6000	77.8	88.7	89.8	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5
≥ 5000	78.3	89.4	90.5	91.0	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3
≥ 4500	79.1	90.4	91.6	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 4000	79.4	91.2	92.5	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2
≥ 3500	79.9	91.9	93.1	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0
≥ 3000	80.4	92.7	94.0	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9
≥ 2500	80.9	93.8	95.2	95.8	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2
≥ 2000	81.8	95.7	97.2	98.1	98.2	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6
≥ 1800	81.9	95.9	97.4	98.1	98.5	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1500	81.9	96.0	97.6	98.3	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 1200	82.1	96.2	97.8	98.5	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2
≥ 1000	82.1	96.3	97.8	98.5	99.2	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7
≥ 900	82.1	96.3	97.9	98.6	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
≥ 800	82.1	96.3	97.9	98.6	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
≥ 700	82.2	96.4	98.0	98.7	99.3	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8
≥ 600	82.2	96.4	98.0	98.7	99.3	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8
≥ 500	82.2	96.4	98.0	98.7	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8
≥ 400	82.2	96.5	98.0	98.8	99.4	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9
≥ 300	82.2	96.5	98.0	98.8	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 200	82.2	96.5	98.0	98.8	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 100	82.2	96.5	98.0	98.8	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 0	82.2	96.5	98.0	98.8	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 4320

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/RAC

CEILING VERSUS VISIBILITY

747245
STATION

WELBURY SPACE CENTER FL
STATION NAME

74-87
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12000-0200
HOURS UTC

CEILING 'FEET'	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25
NO CEILING ≥ 20000	57.9	59.7	60.2	60.2	60.2	60.4	60.4	60.6	60.4	60.9	60.9	60.9
≥ 18000	74.4	76.7	77.2	77.2	77.2	77.4	77.4	77.6	77.6	78.0	78.0	78.0
≥ 16000	74.4	76.7	77.2	77.2	77.2	77.4	77.4	77.6	77.6	78.0	78.0	78.0
≥ 14000	74.4	76.7	77.2	77.2	77.2	77.4	77.4	77.6	77.6	78.0	78.0	78.0
≥ 12000	75.6	78.1	78.9	78.9	78.9	79.1	79.1	79.2	79.2	79.6	79.6	79.6
≥ 10000	75.1	81.7	82.3	82.3	82.3	82.4	82.4	82.6	82.6	83.0	83.0	83.0
≥ 9000	75.0	82.6	83.2	83.2	83.2	83.3	83.3	83.5	83.5	83.9	83.9	83.9
≥ 8000	80.5	84.4	84.9	84.9	84.9	85.1	85.1	85.3	85.3	85.7	85.7	85.7
≥ 7000	80.5	84.4	84.9	84.9	84.9	85.1	85.1	85.3	85.3	85.7	85.7	85.7
≥ 6000	81.6	84.6	85.1	85.1	85.1	85.2	85.2	85.5	85.5	85.8	85.8	85.8
≥ 5000	82.4	86.4	86.9	86.9	86.9	87.1	87.1	87.3	87.3	87.6	87.6	87.6
≥ 4500	84.1	88.4	88.9	88.9	88.9	89.1	89.1	89.2	89.2	89.6	89.6	89.6
≥ 4000	86.6	91.0	91.1	91.1	91.1	91.2	91.2	91.5	91.5	91.8	91.8	91.8
≥ 3500	87.8	93.2	93.7	93.7	93.7	93.9	93.9	94.1	94.1	94.4	94.4	94.4
≥ 3000	88.5	94.1	94.9	94.9	94.9	95.1	95.1	95.2	95.2	95.5	95.5	95.5
≥ 2500	89.2	95.7	96.4	96.4	96.4	96.6	96.6	96.8	96.8	97.1	97.1	97.1
≥ 2000	89.6	97.5	98.2	98.4	98.7	98.9	98.9	99.1	99.1	99.5	99.5	99.5
≥ 1800	89.6	97.5	98.2	98.4	98.7	98.9	98.9	99.1	99.1	99.5	99.5	99.5
≥ 1500	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 1200	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 1000	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 900	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 800	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 700	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 600	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 500	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 400	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 300	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 200	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 100	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8
≥ 0	91.0	97.8	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 558

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-87

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	≥ ½	≥ 5/16	¼	≥ 0
NO CEILING ≥ 20000	55.7	63.6	64.2	64.7	64.7	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.4
≥ 18000	60.4	70.7	70.2	70.7	70.7	70.7	70.9	70.9	70.9	80.6	80.6	80.6	80.6	80.6	81.0
≥ 16000	69.8	79.2	79.7	80.3	80.3	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	81.0
≥ 14000	71.1	79.4	79.9	80.5	80.5	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	81.2
≥ 12000	71.3	81.4	81.9	82.4	82.4	82.4	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	83.2
≥ 10000	73.3	84.1	84.6	85.1	85.1	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.8
≥ 9000	74.7	85.5	86.0	86.6	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	87.3
≥ 8000	76.2	87.3	87.8	88.4	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	89.1
≥ 7000	76.3	87.5	88.0	88.5	88.5	88.5	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	89.2
≥ 6000	76.5	87.6	88.2	88.7	88.7	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.4
≥ 5000	78.9	91.5	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.3
≥ 4500	80.8	92.7	93.2	93.7	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.4
≥ 4000	81.7	93.5	94.1	94.6	94.6	94.6	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.3
≥ 3500	82.4	94.6	95.2	95.7	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.4
≥ 3000	82.4	94.6	95.2	95.7	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.4
≥ 2500	82.7	95.9	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.7
≥ 2000	83.2	97.3	97.8	98.6	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.3
≥ 1800	83.2	97.3	97.8	98.6	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.3
≥ 1500	83.2	97.5	98.0	98.7	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.5
≥ 1200	83.5	98.1	98.6	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 1000	83.5	98.1	98.6	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 900	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 800	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 700	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 600	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 500	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 400	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 300	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 200	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 100	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥ 0	83.5	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0

558

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

747945
STATION

KEMUNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 0
NO CEILING	44.4	52.9	53.9	55.7	55.7	55.7	55.7	56.3	56.8	57.0	57.0	57.0	57.2	57.3
≥ 20000	53.8	69.0	70.1	71.9	71.9	71.9	71.9	72.4	72.9	73.1	73.1	73.1	73.3	73.5
≥ 18000	59.1	69.5	70.6	72.4	72.4	72.4	72.4	72.9	73.5	73.7	73.7	73.7	73.8	74.0
≥ 16000	59.1	69.5	70.6	72.4	72.4	72.4	72.4	72.9	73.5	73.7	73.7	73.7	73.8	74.0
≥ 14000	60.9	71.5	72.6	74.4	74.4	74.4	74.4	74.9	75.4	75.6	75.6	75.6	75.8	76.0
≥ 12000	62.5	73.7	74.7	76.5	76.5	76.5	76.5	77.1	77.6	77.8	77.8	77.8	78.0	78.1
≥ 10000	65.9	77.4	78.7	80.5	80.5	80.5	80.5	81.1	81.5	81.7	81.7	81.7	81.9	82.1
≥ 9000	67.7	79.2	80.5	82.6	82.6	82.6	82.6	83.2	83.7	83.9	83.9	83.9	84.1	84.2
≥ 8000	67.6	80.5	81.7	83.9	83.9	83.9	83.9	84.4	84.9	85.1	85.1	85.1	85.3	85.5
≥ 7000	68.5	81.4	82.6	84.8	84.8	84.8	84.8	85.3	85.8	86.0	86.0	86.0	86.2	86.4
≥ 6000	68.6	81.5	82.8	84.9	84.9	84.9	84.9	85.5	86.0	86.2	86.2	86.2	86.4	86.6
≥ 5000	70.3	84.2	85.5	87.6	87.6	87.6	87.6	88.2	88.7	88.9	88.9	88.9	89.1	89.2
≥ 4500	71.7	86.6	87.8	89.0	89.0	89.0	89.0	90.5	91.0	91.2	91.2	91.2	91.4	91.6
≥ 4000	72.6	87.6	88.9	91.0	91.0	91.0	91.0	91.6	92.1	92.3	92.3	92.3	92.5	92.7
≥ 3500	74.7	91.3	91.6	93.7	93.7	93.7	93.7	94.3	94.8	95.0	95.0	95.0	95.2	95.3
≥ 3000	75.3	91.9	92.1	94.3	94.3	94.3	94.3	94.8	95.3	95.5	95.5	95.5	95.7	95.9
≥ 2500	75.6	91.2	92.5	94.6	94.6	94.6	94.6	95.2	95.7	95.9	95.9	95.9	96.1	96.2
≥ 2000	76.0	91.8	94.3	96.4	96.4	96.4	96.4	97.0	97.5	97.7	97.7	97.7	97.8	98.0
≥ 1800	76.0	92.8	94.3	96.4	96.4	96.4	96.4	97.0	97.5	97.7	97.7	97.7	97.8	98.0
≥ 1500	76.0	93.3	94.4	96.6	96.6	96.6	96.6	97.1	97.6	97.8	97.8	97.8	98.0	98.2
≥ 1200	76.2	93.4	94.8	97.3	97.3	97.3	97.3	97.8	98.4	98.6	98.6	98.6	98.7	98.9
≥ 1000	76.2	93.4	94.8	97.3	97.3	97.3	97.3	97.8	98.4	98.6	98.6	98.6	98.7	98.9
≥ 900	76.2	93.4	94.8	97.3	97.3	97.3	97.3	97.8	98.4	98.6	98.6	98.6	98.7	98.9
≥ 800	76.2	93.5	95.2	97.7	97.7	97.7	97.7	98.4	99.1	99.3	99.3	99.3	99.5	99.6
≥ 700	76.2	93.5	95.2	97.7	97.7	97.7	97.7	98.4	99.1	99.3	99.3	99.3	99.5	99.6
≥ 600	76.2	93.5	95.2	97.7	97.7	97.7	97.7	98.4	99.1	99.3	99.3	99.3	99.5	99.6
≥ 500	76.2	93.5	95.2	97.7	97.7	97.7	97.7	98.4	99.1	99.3	99.3	99.3	99.5	99.6
≥ 400	76.2	93.5	95.2	97.7	97.7	97.7	97.7	98.4	99.1	99.3	99.3	99.3	99.5	99.6
≥ 300	76.2	93.5	95.2	97.7	97.7	97.7	97.7	98.4	99.1	99.3	99.3	99.3	99.5	99.6
≥ 200	76.2	93.5	95.2	97.7	97.7	97.7	97.7	98.6	99.3	99.6	99.6	99.6	99.8	99.8
≥ 100	76.2	93.5	95.2	97.7	97.7	97.7	97.7	98.6	99.3	99.6	99.6	99.6	99.8	99.8
≥ 0	76.2	93.5	95.2	97.7	97.7	97.7	97.7	98.6	99.3	99.6	99.6	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74794E
STATION

KENNEDY SPACE CENTER FL
STATION NAME

76-82

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1900
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25
NO CEILING	45.5	51.5	51.5	51.5	51.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	59.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4
≥ 18000	59.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4
≥ 16000	59.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
≥ 14000	61.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4
≥ 12000	64.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 10000	67.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7
≥ 9000	69.2	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.8	80.8	80.8	80.8
≥ 8000	71.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	82.3	82.3	82.3	82.3
≥ 7000	71.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.6	82.6	82.6	82.6
≥ 6000	71.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.3	83.3	83.3	83.3
≥ 5000	73.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	86.2	86.2	86.2	86.2
≥ 4500	75.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7	88.7	88.7	88.7
≥ 4000	77.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.9	90.9	90.9	90.9
≥ 3500	77.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	92.1	92.1	92.1	92.1
≥ 3000	79.1	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.5	93.5	93.5	93.5
≥ 2500	79.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	94.3	94.3	94.3	94.3
≥ 2000	80.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	97.0	97.0	97.0	97.0
≥ 1800	80.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.1	97.1	97.1	97.1
≥ 1500	81.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	98.0	98.0	98.0	98.0
≥ 1200	81.4	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.9	98.9	98.9	98.9
≥ 1000	81.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	99.1	99.1	99.1	99.1
≥ 900	81.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	99.1	99.1	99.1	99.1
≥ 800	81.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5	99.5	99.5	99.5
≥ 700	81.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5	99.5	99.5	99.5
≥ 600	81.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.5	99.5	99.5	99.5
≥ 500	81.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	99.8	99.8	99.8	99.8
≥ 400	81.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0
≥ 300	81.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0
≥ 200	81.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0
≥ 100	81.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0
≥ 0	81.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5
NO CEILING	43.5	42.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9
≥ 20000	60.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3
≥ 18000	60.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3
≥ 16000	61.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5
≥ 14000	62.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6
≥ 12000	67.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8
≥ 10000	71.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7
≥ 9000	73.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0
≥ 8000	75.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2
≥ 7000	76.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7
≥ 6000	78.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0
≥ 5000	79.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.2	88.2	88.2
≥ 4500	82.3	90.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4
≥ 4000	83.5	92.1	92.1	92.5	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8
≥ 3500	84.1	92.8	92.8	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥ 3000	84.8	94.1	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
≥ 2500	85.1	95.5	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4
≥ 2000	85.8	96.8	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
1800	86.2	97.3	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
1500	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
1200	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
1000	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
900	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
800	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
700	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
600	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
500	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
400	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
300	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
200	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
100	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
0	86.4	97.5	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747045
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-87
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1 1/8	≥3/4	≥5/16
NO CEILING	48.7	51.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	62.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	62.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	63.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	64.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	63.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	71.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	71.7	75.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	74.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	75.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	76.5	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	78.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	87.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	83.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	84.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	85.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	85.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	85.8	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	86.2	97.3	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	86.2	97.7	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	86.2	97.7	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	86.6	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	86.6	98.0	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	86.6	98.0	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	86.6	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	86.7	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
500	86.7	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
400	86.7	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
300	86.7	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
200	86.7	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
100	86.7	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0	86.7	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY WATCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL

75-83

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0
NO CEILING ≥ 20000	52.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	66.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	67.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	67.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	69.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	73.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	74.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	76.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	77.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	79.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	79.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	81.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	82.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	84.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	85.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	85.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	85.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	85.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	85.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	86.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	86.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

55.8

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY PROJECT
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

76-83
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2
NO CEILING	50.7	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	71.0	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 18000	71.5	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	71.5	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	72.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	73.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 10000	76.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	78.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	80.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	81.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	81.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	83.3	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	84.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	84.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	87.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	87.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	87.6	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	88.2	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	88.2	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	88.4	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	89.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY WATCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74794F STATION KENNEDY SPACE CENTER FL 73-83 YEARS OCT MONTH

ALL HOURS 11:11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ 0
NO CEILING ≥ 20000	55.4	54.6	54.0	55.2	55.2	55.2	55.2	55.4	55.5	55.5	55.7
≥ 18000	55.5	71.1	71.4	71.7	71.7	71.8	71.8	71.9	72.0	72.1	72.3
≥ 16000	55.6	71.4	71.7	72.1	72.1	72.2	72.2	72.2	72.3	72.4	72.6
≥ 14000	55.7	71.6	71.9	72.2	72.2	72.3	72.3	72.3	72.5	72.5	72.7
≥ 12000	66.5	72.6	72.9	73.2	73.2	73.2	73.3	73.3	73.5	73.5	73.7
≥ 10000	69.1	75.6	75.9	76.2	76.2	76.2	76.3	76.3	76.5	76.5	76.7
≥ 9000	72.3	79.9	81.2	80.5	81.5	80.5	80.6	80.6	80.8	80.8	81.1
≥ 8000	73.5	81.6	81.9	82.3	82.3	82.3	82.4	82.5	82.6	82.7	82.9
≥ 7000	75.2	83.6	83.9	84.3	84.3	84.4	84.4	84.5	84.6	84.7	84.9
≥ 6000	75.8	84.2	84.5	84.9	84.9	85.1	85.1	85.1	85.2	85.3	85.5
≥ 5000	76.5	85.1	85.4	85.8	85.8	85.9	85.9	85.9	86.1	86.1	86.3
≥ 4500	73.3	87.2	87.5	87.9	87.9	88.0	88.1	88.1	88.3	88.3	88.5
≥ 4000	81.9	91.4	91.8	92.2	92.2	92.3	92.4	92.4	92.6	92.6	92.9
≥ 3500	82.9	93.1	93.4	93.9	93.9	94.0	94.1	94.1	94.2	94.3	94.5
≥ 3000	83.5	94.0	94.4	94.8	94.9	95.0	95.0	95.0	95.2	95.3	95.5
≥ 2500	83.9	94.9	95.3	95.8	95.8	95.9	95.9	95.9	96.1	96.2	96.4
≥ 2000	84.3	96.3	96.8	97.5	97.6	97.6	97.7	97.7	97.9	98.0	98.2
≥ 1800	84.5	96.7	97.3	97.8	97.9	98.1	98.1	98.1	98.3	98.3	98.6
≥ 1500	84.7	97.0	97.6	98.2	98.3	98.4	98.5	98.5	98.7	98.7	99.0
≥ 1200	84.9	97.4	98.1	98.7	98.9	99.0	99.0	99.0	99.3	99.3	99.5
≥ 1000	85.1	97.5	98.2	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.7
≥ 900	85.1	97.5	98.2	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.7
≥ 800	85.1	97.6	98.4	99.1	99.1	99.2	99.2	99.2	99.6	99.6	99.8
≥ 700	85.1	97.6	98.4	99.0	99.1	99.2	99.2	99.3	99.6	99.6	99.8
≥ 600	85.1	97.6	98.4	99.0	99.2	99.2	99.2	99.4	99.6	99.7	99.9
≥ 500	85.1	97.7	98.4	99.1	99.2	99.2	99.4	99.4	99.7	99.7	99.9
≥ 400	85.1	97.7	98.5	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.9
≥ 300	85.1	97.7	98.5	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.9
≥ 200	85.1	97.7	98.5	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.9
≥ 100	85.1	97.7	98.5	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.9
≥ 0	85.1	97.7	98.5	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 4454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

7-87
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥5/16	≥1/4
NO CEILING	32.0	50.5	53.3	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.2	60.6
≥ 20000	0.4	67.8	68.7	68.5	63.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 18000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 16000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 14000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 12000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 10000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 9000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 8000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 7000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 6000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 5000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 4500	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 4000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 3500	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 3000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 2500	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 2000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 1800	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 1500	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 1200	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 1000	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 900	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 800	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 700	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 600	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 500	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 400	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 300	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 200	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 100	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0
≥ 0	6.4	67.3	68.2	63.5	68.9	68.9	68.9	68.9	68.9	69.4	69.4	69.4	69.6	70.0

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL 72-83 YEARS MONTH NOV

0300-0500
HOURS UT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥¾	≥½	≥¼
NO CEILING	51.5	57.4	58.1	58.9	59.2	59.8	60.7	60.2	61.3	61.3	61.5	62.2
≥20000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥18000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥16000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥14000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥12000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥10000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥9000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥8000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥7000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥6000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥5000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥4500	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥4000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥3500	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥3000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥2500	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥2000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥1800	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥1500	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥1200	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥1000	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥900	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥800	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥700	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥600	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥500	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥400	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥300	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥200	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥100	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1
≥0	60.2	68.1	68.9	69.8	70.7	71.7	72.9	71.1	72.2	72.2	72.4	73.1

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4
NO CEILING	41.3	5.9	51.3	52.6	53.5	53.5	54.3	54.3	54.3	55.0	55.0	55.7	56.5
≥ 2000	48.3	61.5	62.2	63.5	64.8	64.8	65.6	65.6	65.6	66.5	66.5	67.2	68.1
≥ 1800	43.9	62.0	62.8	64.4	65.4	65.4	66.1	66.1	66.1	67.0	67.0	67.8	68.7
≥ 1600	49.4	63.0	63.9	65.6	66.5	66.5	67.2	67.2	67.2	68.1	68.1	68.9	69.8
≥ 1400	50.3	63.5	64.4	66.1	67.0	67.0	67.8	67.8	67.8	68.7	68.7	69.4	70.4
≥ 1200	51.1	65.4	66.3	68.0	69.3	69.3	70.2	70.2	70.2	71.1	71.1	71.9	72.8
≥ 1000	53.5	68.3	69.3	71.9	72.2	72.2	73.1	73.1	73.1	74.1	74.1	74.8	75.7
≥ 900	53.7	70.2	71.1	72.8	74.1	74.1	75.1	75.1	75.1	75.9	75.9	76.7	77.6
≥ 800	55.2	71.5	72.4	74.1	75.4	75.4	76.5	76.5	76.5	77.4	77.4	78.1	79.1
≥ 700	55.6	71.9	72.8	74.4	75.7	75.7	76.9	76.9	76.9	77.8	77.8	78.5	79.4
≥ 600	57.2	73.5	74.4	76.1	77.4	77.4	78.5	78.5	78.5	79.4	79.4	80.2	81.1
≥ 500	59.6	76.5	77.4	79.1	80.4	80.4	81.5	81.5	81.5	82.4	82.4	83.1	84.1
≥ 4500	60.6	78.0	78.5	80.6	81.5	81.5	83.7	83.7	83.7	83.9	83.9	84.6	85.6
≥ 4000	61.9	79.8	80.7	82.6	84.1	84.1	85.4	85.4	85.4	86.3	86.3	87.0	88.0
≥ 3500	63.9	83.9	84.8	86.7	88.1	88.1	89.4	89.4	89.4	90.4	90.4	91.1	92.0
≥ 3000	64.3	84.8	85.7	87.6	89.1	89.1	90.4	90.4	90.4	91.3	91.3	92.0	93.0
≥ 2500	64.8	85.7	86.7	88.7	90.2	90.2	91.5	91.5	91.5	92.4	92.4	93.1	94.1
≥ 2000	64.8	86.5	87.4	89.4	90.9	90.9	92.2	92.2	92.2	93.1	93.1	93.9	94.8
≥ 1800	65.0	86.7	87.6	89.6	91.1	91.1	92.4	92.4	92.4	93.3	93.3	94.1	95.0
≥ 1500	65.1	86.7	87.6	89.6	91.1	91.1	92.4	92.4	92.4	93.3	93.3	94.1	95.0
≥ 1200	65.1	86.9	87.8	89.8	91.3	91.3	92.6	92.6	92.6	93.5	93.5	94.3	95.2
≥ 1000	65.2	87.3	88.1	90.0	91.5	91.5	92.8	92.8	92.8	93.7	93.7	94.4	95.4
≥ 900	65.2	87.6	88.7	90.7	92.2	92.2	93.5	93.5	93.5	94.4	94.4	95.2	96.1
≥ 800	65.2	88.0	89.1	91.1	92.6	92.6	93.9	93.9	93.9	94.8	94.8	95.6	96.5
≥ 700	65.4	88.1	89.2	91.3	92.8	92.8	94.1	94.1	94.1	95.0	95.0	95.7	96.7
≥ 600	65.4	88.3	89.6	91.7	93.1	93.1	94.4	94.4	94.4	95.4	95.4	96.1	97.0
≥ 500	65.6	88.9	90.2	92.2	93.7	93.7	95.1	95.1	95.1	95.9	95.9	96.7	97.8
≥ 400	65.6	88.9	90.2	92.2	93.7	93.7	95.1	95.1	95.1	96.1	96.1	96.9	98.0
≥ 300	65.6	88.9	90.2	92.4	93.9	93.9	95.2	95.2	95.2	96.5	96.5	97.2	98.3
≥ 200	65.6	88.9	90.2	92.4	93.9	93.9	95.4	95.4	95.4	96.7	96.7	97.4	98.5
≥ 100	65.6	88.9	90.2	92.4	93.9	93.9	95.4	95.4	95.4	96.7	96.7	97.4	98.5
0	65.6	88.9	90.2	92.4	93.9	93.9	95.4	95.4	95.4	96.7	96.7	97.4	98.5

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 78-87 YEARS NOV MONTH 0900-1100 HOURS U.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4
NO CEILING	45.2	52.8	52.8	53.7	53.7	53.7	53.7	53.0	53.0	53.1	53.1	53.1	53.1
≥ 20000	55.7	64.8	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6
≥ 18000	56.7	66.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9
≥ 16000	57.4	67.2	67.2	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0
≥ 14000	57.6	67.6	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3
≥ 12000	59.3	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4
≥ 10000	62.8	73.9	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6
≥ 9000	63.9	75.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	76.1	76.1	76.1	76.1
≥ 8000	65.2	78.0	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.9	78.9	78.9	78.9
≥ 7000	65.3	78.7	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.6	79.6	79.6	79.6
≥ 6000	67.1	80.6	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.5	81.5	81.5	81.5
≥ 5000	69.1	82.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.9	83.9	83.9	83.9
≥ 4500	71.3	85.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	87.0	87.0	87.0	87.0
≥ 4000	72.0	87.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	88.7	88.7	88.7	88.7
≥ 3500	72.8	88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4	90.6	90.6	90.6	90.6
≥ 3000	73.7	89.6	89.6	90.4	90.4	90.4	90.4	90.4	90.4	91.5	91.5	91.5	91.5
≥ 2500	73.7	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	91.7	91.7	91.7	91.7
≥ 2000	74.3	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	93.5	93.5	93.5	93.5
≥ 1800	74.3	91.7	91.7	92.4	92.4	92.4	92.4	92.4	92.4	93.7	93.7	93.7	93.7
≥ 1500	74.4	91.9	91.9	92.8	92.8	92.8	92.8	92.8	92.8	94.1	94.1	94.1	94.1
≥ 1200	74.4	92.2	92.2	93.1	93.1	93.1	93.1	93.1	93.1	94.4	94.4	94.4	94.4
≥ 1000	74.4	92.4	92.4	93.3	93.3	93.3	93.3	93.3	93.3	94.6	94.6	94.6	94.6
≥ 900	74.4	92.8	93.1	94.3	94.3	94.3	94.3	94.3	94.3	95.6	95.6	95.6	95.6
≥ 800	75.0	93.9	94.3	95.4	95.4	95.4	95.4	95.4	95.4	96.7	96.7	96.7	96.7
≥ 700	75.1	94.1	94.4	95.6	95.6	95.6	95.6	95.6	95.6	96.9	96.9	96.9	96.9
≥ 600	75.1	95.1	95.7	96.9	96.9	96.9	96.9	96.9	96.9	98.5	98.5	98.5	98.5
≥ 500	75.1	95.7	96.5	97.6	97.6	97.6	97.6	97.6	97.6	99.4	99.4	99.4	99.4
≥ 400	75.0	95.7	96.5	97.6	97.6	97.6	97.6	97.6	97.6	99.4	99.4	99.4	99.4
≥ 300	75.0	95.9	96.7	98.0	98.0	98.0	98.0	98.0	98.0	99.8	99.8	99.8	99.8
≥ 200	75.1	95.9	96.7	98.0	98.0	98.0	98.0	98.0	98.0	99.8	99.8	99.8	99.8
≥ 100	75.1	95.9	96.7	98.0	98.0	98.0	98.0	98.0	98.0	99.8	99.8	99.8	99.8
≥ 0	75.1	95.9	96.7	98.0	98.0	98.0	98.0	98.0	98.0	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

75-33

TEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ 0
NO CEILING	46.5	48.1	48.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	67.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	67.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	67.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	68.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	69.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000	71.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000	72.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	74.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	74.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	75.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	76.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	73.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	67.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	81.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	82.4	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	83.3	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	83.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	83.3	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	83.3	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	84.3	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	84.4	97.0	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	84.6	97.2	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	84.6	97.2	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	84.6	97.2	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	84.6	97.8	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	84.6	97.8	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	84.6	97.8	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	84.6	97.8	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	84.6	97.8	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	84.6	97.8	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	84.6	97.8	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY PROGRAM
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945 STATION KENNEDY SPACE CENTER FL 72-87 YEARS NOV MONTH 15.00-17.00 HOURS UST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ 0
NO CEILING ≥ 20000	40.6	57.6	57.6	57.6	57.6	57.6	57.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	68.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	68.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	69.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	71.5	74.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	74.6	76.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	75.9	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	78.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	77.1	83.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	78.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	80.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	81.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	82.8	89.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	84.1	91.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	84.4	91.7	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	84.8	93.1	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	85.6	94.3	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	85.7	95.0	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	85.7	95.4	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	85.9	95.6	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	86.5	96.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	86.5	96.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	86.5	96.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	86.5	96.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	86.5	96.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	86.5	97.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	86.5	97.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	86.5	97.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	86.5	97.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	86.5	97.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	86.5	97.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 542

GLOBAL CLIMATOLOGY WATCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747245 STATION KENNEDY SPACE CENTER FL 73-83 YEARS NOV MONTH 1800-2000 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ 0.6
NO CEILING	47.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	63.7	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	63.7	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	63.7	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	64.0	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	65.6	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	69.1	73.1	73.7	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	70.7	75.4	75.9	75.9	76.7	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	74.6	79.4	80.0	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	74.6	79.4	80.0	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	75.1	81.0	81.6	81.6	81.9	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	76.5	81.7	82.2	82.2	82.6	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	77.6	83.7	84.4	84.4	84.8	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000	80.9	87.8	88.5	88.5	89.1	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	82.4	89.8	90.6	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	83.7	91.5	92.2	92.2	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	85.1	93.5	94.3	94.3	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	85.6	95.4	96.3	96.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	85.6	95.4	96.3	96.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	85.6	95.4	96.3	96.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	85.6	95.4	96.3	96.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	85.6	95.4	96.3	96.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	85.6	96.1	97.4	97.4	98.1	98.7	98.9	99.1	99.1	99.1	99.1
≥ 800	85.6	96.1	97.4	97.4	98.1	98.7	98.9	99.1	99.1	99.1	99.1
≥ 700	85.6	96.1	97.4	97.4	98.1	98.7	98.9	99.1	99.1	99.1	99.1
≥ 600	85.6	96.1	97.4	97.4	98.1	98.7	98.9	99.1	99.1	99.1	99.1
≥ 500	85.6	96.7	98.1	98.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 400	85.6	96.7	98.1	98.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	85.6	96.9	98.1	98.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	85.6	96.9	98.1	98.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	85.6	96.9	98.1	98.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	85.6	96.9	98.1	98.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-82
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2
NO CEILING	51.3	55.6	56.1	56.9	57.1	57.2	57.2	57.2	57.4	57.4	57.4
≥ 20000	63.5	66.1	68.5	69.3	69.4	69.6	69.6	69.6	69.8	69.8	69.8
≥ 18000	63.5	66.0	66.5	69.3	69.4	69.6	69.6	69.6	69.8	69.8	69.8
≥ 16000	63.5	66.1	68.7	69.4	69.6	69.8	69.8	69.8	70.0	70.0	70.0
≥ 14000	63.5	68.3	68.9	69.6	69.8	70.0	70.0	70.0	70.2	70.2	70.2
≥ 12000	64.1	68.9	69.4	70.2	70.4	70.6	70.6	70.6	70.7	70.7	70.7
≥ 10000	67.6	73.1	73.7	74.4	74.6	74.8	74.8	74.8	75.0	75.0	75.0
≥ 9000	69.3	75.0	75.6	76.3	76.5	76.7	76.7	76.7	76.9	76.9	76.9
≥ 8000	72.2	78.0	78.5	79.3	79.4	79.6	79.6	79.6	79.8	79.8	79.8
≥ 7000	72.2	78.0	78.5	79.3	79.4	79.6	79.6	79.6	79.8	79.8	79.8
≥ 6000	72.8	78.5	79.1	79.8	80.0	80.2	80.2	80.2	80.4	80.4	80.4
≥ 5000	74.3	80.6	81.1	81.9	82.2	82.2	82.2	82.2	82.4	82.4	82.4
≥ 4500	75.7	82.6	83.1	83.9	84.1	84.3	84.3	84.3	84.4	84.4	84.4
≥ 4000	77.6	85.2	85.7	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.0
≥ 3500	78.9	87.2	87.8	88.5	88.7	88.9	88.9	88.9	89.1	89.1	89.1
≥ 3000	80.7	90.0	90.7	91.5	91.7	91.9	91.9	91.9	92.0	92.0	92.0
≥ 2500	81.5	91.7	92.4	93.1	93.3	93.5	93.5	93.5	93.7	93.7	93.7
≥ 2000	82.4	92.3	94.1	94.8	95.0	95.0	95.0	95.0	95.6	95.6	95.6
≥ 1800	82.8	94.1	94.8	95.6	95.7	96.1	96.1	96.1	96.3	96.3	96.3
≥ 1500	82.8	94.3	95.1	95.7	95.9	96.3	96.3	96.3	96.5	96.5	96.5
≥ 1200	83.3	95.1	95.7	96.5	96.7	97.0	97.0	97.0	97.2	97.2	97.2
≥ 1000	83.5	95.6	96.3	97.0	97.2	97.6	97.6	97.6	97.8	97.8	97.8
≥ 900	83.5	96.1	96.9	97.6	97.8	98.1	98.1	98.1	98.3	98.3	98.3
≥ 800	83.5	96.7	97.4	98.1	98.3	98.7	98.7	98.7	98.9	98.9	98.9
≥ 700	83.5	97.2	98.1	98.7	98.9	99.3	99.3	99.3	99.4	99.4	99.4
≥ 600	83.5	97.2	98.1	98.7	98.9	99.3	99.3	99.3	99.4	99.4	99.4
≥ 500	83.5	97.4	98.1	98.9	99.1	99.4	99.4	99.4	99.6	99.6	99.6
≥ 400	83.5	97.4	98.1	99.1	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 300	83.5	97.4	98.1	99.1	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 200	83.5	97.4	98.1	99.1	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 100	83.5	97.4	98.1	99.1	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 0	83.5	97.4	98.1	99.1	99.3	99.6	99.6	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

542

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 11 5 11

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 0
NO CEILING	47.9	52.0	57.2	53.7	54.0	54.0	54.1	54.1	54.1	54.5	54.5	54.5	54.6	55.0
≥ 20000	67.8	67.2	67.7	68.2	68.5	68.5	68.6	68.6	68.6	69.0	69.0	69.0	69.1	69.5
≥ 18000	61.1	67.5	68.1	68.5	68.8	68.8	68.9	69.0	69.0	69.3	69.3	69.3	69.5	69.9
≥ 16000	61.4	67.9	68.5	69.0	69.3	69.3	69.4	69.5	69.5	69.8	69.8	69.8	70.0	70.4
≥ 14000	61.9	68.4	69.0	69.5	69.8	69.8	70.0	70.0	70.3	70.3	70.3	70.3	70.5	70.9
≥ 12000	63.2	70.1	70.8	71.1	71.5	71.6	71.7	71.7	71.7	72.1	72.1	72.2	72.2	72.6
≥ 10000	66.3	73.8	74.4	74.9	75.3	75.3	75.4	75.5	75.5	75.8	75.8	76.0	76.0	76.4
≥ 9000	67.5	75.6	76.2	76.7	77.2	77.2	77.4	77.4	77.4	77.8	77.8	77.9	77.9	78.3
≥ 8000	69.5	78.1	79.8	79.3	79.7	79.7	79.9	79.9	79.9	80.3	80.3	80.4	80.4	80.8
≥ 7000	69.7	78.3	79.8	79.5	80.0	80.0	80.2	80.2	80.2	80.6	80.6	80.7	80.7	81.1
≥ 6000	70.3	79.1	79.8	80.3	80.7	80.7	80.9	81.0	81.0	81.3	81.3	81.5	81.5	81.9
≥ 5000	72.1	81.2	81.9	82.4	82.8	82.9	83.1	83.1	83.1	83.5	83.5	83.6	83.6	84.0
≥ 4500	73.6	83.4	84.2	84.7	85.2	85.2	85.4	85.4	85.4	85.8	85.8	85.9	85.9	86.3
≥ 4000	75.3	85.8	86.6	87.2	87.7	87.7	88.0	88.0	88.0	88.4	88.4	88.5	88.5	88.9
≥ 3500	76.6	88.2	89.0	89.6	90.1	90.2	90.5	90.5	90.5	90.9	90.9	91.0	91.0	91.4
≥ 3000	77.7	89.5	90.4	91.0	91.6	91.6	91.9	91.9	91.9	92.3	92.3	92.4	92.4	92.8
≥ 2500	78.3	90.7	91.6	92.3	92.8	92.8	93.1	93.2	93.2	93.5	93.5	93.7	93.7	94.1
≥ 2000	78.8	92.1	93.1	93.8	94.4	94.4	94.7	94.7	94.7	95.1	95.1	95.3	95.3	95.6
≥ 1800	78.9	92.4	93.4	94.1	94.7	94.7	95.0	95.0	95.0	95.4	95.4	95.6	95.6	96.0
≥ 1500	79.0	92.7	93.6	94.4	95.0	95.0	95.4	95.4	95.4	95.8	95.8	95.9	95.9	96.3
≥ 1200	79.4	93.2	94.2	95.0	95.5	95.6	95.9	96.0	96.0	96.3	96.3	96.5	96.5	96.9
≥ 1000	79.5	93.5	94.5	95.3	95.8	95.9	96.3	96.3	96.3	96.6	96.6	96.8	96.8	97.2
≥ 900	79.6	93.9	95.0	95.9	96.4	96.4	96.8	96.9	96.9	97.2	97.2	97.4	97.4	97.8
≥ 800	79.7	94.3	95.3	96.2	96.7	96.8	97.2	97.2	97.2	97.6	97.6	97.7	97.7	98.1
≥ 700	79.7	94.7	95.8	96.7	97.2	97.2	97.6	97.7	97.7	98.0	98.0	98.2	98.2	98.6
≥ 600	79.7	95.1	96.3	97.2	97.7	97.7	98.2	98.2	98.2	98.6	98.6	98.7	98.7	99.1
≥ 500	79.7	95.3	96.6	97.4	98.0	98.0	98.4	98.5	98.5	98.9	98.9	99.0	99.0	99.4
≥ 400	79.7	95.4	96.6	97.5	98.1	98.2	98.6	98.7	98.7	99.1	99.1	99.2	99.2	99.7
≥ 300	79.7	95.4	96.6	97.6	98.3	98.3	98.8	98.8	98.8	99.2	99.2	99.4	99.4	99.8
≥ 200	79.7	95.4	96.6	97.6	98.3	98.3	98.8	98.8	98.8	99.3	99.3	99.4	99.4	99.9
≥ 100	79.7	95.4	96.6	97.6	98.3	98.3	98.8	98.8	98.8	99.3	99.3	99.5	99.5	100.0
≥ 0	79.7	95.4	96.6	97.6	98.3	98.3	98.8	98.8	98.8	99.3	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 4320

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-87
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	48.6	54.7	55.7	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	57.2
≥ 20000	54.1	61.8	61.1	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	63.4
≥ 18000	54.3	60.9	61.3	61.6	61.6	61.8	62.1	62.0	62.0	62.0	62.0	62.9	63.6
≥ 16000	54.3	60.9	61.3	61.6	61.6	61.8	62.1	62.0	62.0	62.0	62.0	62.9	63.6
≥ 14000	55.1	61.6	62.1	62.4	62.4	62.5	62.7	62.7	62.7	62.7	62.7	63.6	64.3
≥ 12000	56.3	62.9	63.3	63.6	63.6	63.8	64.1	64.1	64.0	64.0	64.0	64.9	65.6
≥ 10000	58.1	64.9	65.2	65.6	65.6	65.8	65.9	65.9	65.9	65.9	65.9	66.8	67.6
≥ 9000	59.1	66.7	67.1	67.4	67.4	67.6	67.7	67.7	67.7	67.7	67.7	68.6	69.4
≥ 8000	62.7	71.1	71.5	71.9	71.9	72.0	72.3	72.2	72.2	72.2	72.2	73.1	73.8
≥ 7000	62.7	71.5	71.9	72.2	72.2	72.4	72.6	72.6	72.6	72.6	72.6	73.5	74.2
≥ 6000	64.2	73.1	73.5	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.2	75.1	75.8
≥ 5000	65.3	74.9	75.3	75.6	75.6	75.8	76.1	76.0	76.0	76.0	76.0	76.9	77.6
≥ 4500	67.4	76.5	76.9	77.2	77.2	77.4	77.6	77.6	77.6	77.6	77.6	78.5	79.2
≥ 4000	68.1	77.8	78.1	78.5	78.5	78.7	78.9	78.9	78.9	78.9	78.9	79.7	80.5
≥ 3500	69.7	79.6	79.9	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	81.5	82.3
≥ 3000	71.6	81.1	81.4	81.7	81.7	81.9	82.1	82.1	82.1	82.1	82.1	83.0	83.7
≥ 2500	71.1	82.4	82.8	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	84.4	85.1
≥ 2000	73.5	85.7	86.3	86.7	86.7	86.9	87.1	87.1	87.1	87.1	87.1	88.0	88.7
≥ 1800	73.5	86.0	86.4	87.1	87.1	87.3	87.5	87.5	87.5	87.5	87.5	88.4	89.1
≥ 1500	74.2	87.3	87.8	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	90.3	91.0
≥ 1200	74.7	89.1	89.8	91.0	91.0	91.2	91.4	91.4	91.4	91.4	91.4	92.3	93.0
≥ 1000	74.7	89.6	90.3	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	92.8	93.5
≥ 900	74.7	90.5	91.2	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	93.7	94.4
≥ 800	74.7	90.5	91.4	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.9	94.6
≥ 700	74.7	90.9	91.8	93.1	93.1	93.2	93.4	93.4	93.4	93.4	93.4	94.3	95.0
≥ 600	74.7	91.2	92.3	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	94.8	95.5
≥ 500	74.7	91.6	93.2	94.6	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.9	96.6
≥ 400	74.7	91.9	93.7	95.2	95.2	95.3	95.5	95.5	95.5	95.5	95.5	96.4	97.1
≥ 300	74.7	91.9	93.7	95.2	95.3	95.7	95.9	95.9	95.9	95.9	95.9	96.8	97.5
≥ 200	74.7	92.5	94.3	95.7	95.9	96.2	96.6	96.8	96.8	96.8	96.8	97.3	98.0
≥ 100	74.7	92.7	94.4	95.9	96.1	96.4	96.8	97.0	97.0	97.0	97.0	97.5	98.2
≥ 0	74.7	92.7	94.4	95.9	96.1	96.4	96.8	97.0	97.0	97.0	97.0	97.5	98.2

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/KAC

CEILING VERSUS VISIBILITY

747945

KENNEDY SPACE CENTER FL

78-83

YEARS

DEC

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ 0
NO CEILING	43.7	51.1	51.6	51.8	52.9	52.9	53.2	53.2	53.2	54.3	54.3	54.3	54.3	54.3	55.4
≥ 2000	51.4	61.3	61.3	61.5	62.5	62.5	62.5	62.5	62.5	64.0	64.0	64.0	64.0	64.0	65.1
≥ 1800	51.4	61.3	61.3	61.5	62.5	62.5	62.5	62.5	62.5	64.0	64.0	64.0	64.0	64.0	65.1
≥ 1600	51.4	61.3	61.3	61.5	62.5	62.5	62.5	62.5	62.5	64.0	64.0	64.0	64.0	64.0	65.2
≥ 1400	52.3	61.6	62.2	62.4	63.4	63.4	63.4	63.8	63.8	64.9	64.9	64.9	64.9	65.1	66.1
≥ 1200	52.7	62.2	62.7	62.9	64.1	64.1	64.1	64.3	64.3	65.4	65.4	65.4	65.4	65.6	66.7
≥ 1000	53.6	63.4	64.1	64.2	65.2	65.2	65.2	65.6	65.6	66.7	66.7	66.7	66.8	66.8	67.9
≥ 900	54.1	64.2	64.7	64.9	65.9	65.9	65.9	66.3	66.3	67.4	67.4	67.4	67.6	67.6	68.6
≥ 800	55.6	66.5	67.2	67.4	68.5	68.5	68.5	68.8	68.8	69.9	69.9	69.9	70.1	70.1	71.1
≥ 700	56.3	67.2	67.9	68.1	69.2	69.2	69.2	69.5	69.5	70.6	70.6	70.6	70.8	70.8	71.9
≥ 600	57.3	68.3	69.1	69.2	70.3	70.3	70.3	70.6	70.6	71.7	71.7	71.7	71.9	71.9	72.9
≥ 500	59.7	70.6	71.3	71.5	72.6	72.6	72.6	72.9	72.9	74.0	74.0	74.0	74.2	74.2	75.3
≥ 450	61.1	72.2	72.9	73.1	74.2	74.2	74.2	74.6	74.6	75.6	75.6	75.6	75.8	75.8	76.9
≥ 400	61.8	73.8	74.6	74.7	75.8	75.8	75.8	76.2	76.2	77.2	77.2	77.2	77.4	77.4	78.5
≥ 350	63.1	75.4	76.2	76.3	77.4	77.4	77.4	77.8	77.8	78.9	78.9	78.9	79.0	79.0	80.1
≥ 300	63.3	76.2	76.9	77.1	78.1	78.1	78.1	78.5	78.5	79.6	79.6	79.6	79.7	79.7	80.8
≥ 250	64.7	78.3	79.1	79.2	80.3	80.3	80.3	80.6	80.6	81.7	81.7	81.7	81.9	81.9	83.0
≥ 200	66.3	81.7	82.6	82.8	83.9	83.9	83.9	84.2	84.2	85.3	85.3	85.3	85.5	85.5	86.6
≥ 1800	66.5	82.3	83.2	83.7	84.8	84.8	84.8	85.1	85.1	86.2	86.2	86.2	86.4	86.4	87.5
≥ 1500	67.6	83.9	85.1	85.7	86.7	86.7	86.7	87.1	87.1	88.2	88.2	88.2	88.4	88.4	89.4
≥ 1200	67.6	84.8	86.6	87.3	88.5	88.5	88.5	88.9	88.9	90.0	90.0	90.0	90.1	90.1	91.2
≥ 1000	67.6	84.9	86.7	87.5	88.7	88.7	88.7	89.1	89.1	90.1	90.1	90.1	90.3	90.3	91.6
≥ 900	67.6	85.3	87.1	88.0	89.2	89.2	89.2	89.8	89.8	90.9	90.9	90.9	91.0	91.0	92.3
≥ 800	67.6	85.3	87.3	88.2	89.4	89.4	89.4	90.0	90.0	91.1	91.1	91.1	91.2	91.2	92.5
≥ 700	67.6	85.3	87.3	88.4	89.6	89.6	89.6	90.1	90.1	91.2	91.2	91.2	91.4	91.4	92.7
≥ 600	67.6	85.7	87.6	88.7	90.0	90.0	90.0	90.7	90.7	91.8	91.8	91.8	91.9	91.9	93.2
≥ 500	67.6	86.3	88.1	89.1	90.3	90.3	90.3	91.4	91.4	92.5	92.5	92.5	92.7	92.7	93.9
≥ 400	67.6	86.9	89.2	90.5	91.8	91.8	91.8	93.1	93.1	94.4	94.4	94.4	94.6	94.6	95.9
≥ 300	67.6	87.3	89.6	91.0	92.3	92.3	92.3	93.5	93.5	94.6	94.6	94.6	95.2	95.2	96.4
≥ 200	67.6	87.8	90.1	91.6	92.8	92.8	92.8	94.4	94.4	96.8	96.8	96.8	97.0	97.0	98.3
≥ 100	67.6	87.8	90.1	91.6	92.8	92.8	92.8	94.4	94.4	96.8	96.8	96.8	97.0	97.0	98.3
≥ 0	67.6	87.8	90.1	91.6	92.8	92.8	92.8	94.4	94.4	96.8	96.8	96.8	97.0	97.0	98.3

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY SPANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	33.1	43.5	44.1	44.4	44.8	45.1	45.7	45.7	45.9	46.6	46.6	46.6	47.0	47.0	47.3
≥ 20000	41.4	54.7	55.2	55.6	56.1	56.3	57.2	57.2	57.3	58.4	58.4	58.4	59.0	59.0	59.5
≥ 18000	41.4	55.0	55.6	55.9	56.5	56.6	57.5	57.5	57.7	58.8	58.8	58.8	59.3	59.3	60.0
≥ 16000	41.4	55.0	55.6	55.9	56.5	56.6	57.5	57.5	57.7	58.8	58.8	58.8	59.3	59.3	60.0
≥ 14000	42.5	56.3	56.8	57.2	57.7	57.9	58.8	58.8	59.0	60.0	60.0	60.0	60.6	60.6	61.3
≥ 12000	43.1	57.5	58.2	58.6	59.1	59.3	60.2	60.2	60.4	61.5	61.5	61.5	62.0	62.0	62.7
≥ 10000	45.7	60.4	61.1	61.6	62.2	62.4	63.3	63.3	63.4	64.5	64.5	64.5	65.1	65.1	65.8
≥ 9000	45.9	60.6	61.3	61.8	62.5	62.7	63.6	63.6	63.8	64.9	64.9	64.9	65.4	65.4	66.1
≥ 8000	46.6	62.2	63.1	63.6	64.2	64.3	65.2	65.2	65.4	66.5	66.5	66.5	67.0	67.0	67.7
≥ 7000	47.0	62.7	63.6	64.2	64.9	65.2	66.1	66.1	66.3	67.4	67.4	67.4	67.9	67.9	68.6
≥ 6000	48.1	64.1	65.1	65.6	66.7	67.0	67.9	67.9	68.1	69.2	69.2	69.2	69.7	69.7	70.4
≥ 5000	50.2	67.9	69.2	69.7	70.8	71.1	72.0	72.0	72.2	73.3	73.3	73.3	73.8	73.8	74.6
≥ 4500	51.4	69.9	71.1	71.7	72.8	73.1	74.0	74.0	74.2	75.3	75.3	75.3	75.8	75.8	76.5
≥ 4000	53.2	72.0	73.3	73.8	74.9	75.3	76.2	76.2	76.3	77.4	77.4	77.4	78.0	78.0	78.7
≥ 3500	53.9	73.3	74.6	75.1	76.2	76.5	77.4	77.4	77.6	78.7	78.7	78.7	79.2	79.2	79.9
≥ 3000	54.7	74.2	75.6	76.3	77.4	77.8	78.7	78.7	78.9	79.9	79.9	79.9	80.5	80.5	81.2
≥ 2500	55.4	75.6	77.1	77.8	78.9	79.2	80.1	80.1	80.3	81.4	81.4	81.4	81.9	81.9	82.6
≥ 2000	55.9	78.5	80.1	81.1	82.3	82.6	83.5	83.5	83.7	84.8	84.8	84.8	85.3	85.3	86.0
≥ 1800	56.5	79.4	81.0	81.9	83.2	83.5	84.4	84.4	84.6	85.7	85.7	85.7	86.2	86.2	86.9
≥ 1500	56.8	79.9	81.5	82.4	83.7	84.1	84.9	84.9	85.1	86.2	86.2	86.2	86.7	86.7	87.3
≥ 1200	56.9	80.6	82.4	83.3	85.3	85.7	86.6	86.6	86.7	87.8	87.8	87.8	88.4	88.4	89.1
≥ 1000	56.9	81.5	83.3	84.2	86.4	86.7	87.6	87.6	87.8	88.9	88.9	88.9	89.4	89.4	90.1
≥ 900	57.0	81.9	83.7	84.8	86.9	87.3	88.2	88.2	88.4	89.4	89.4	89.4	90.0	90.0	90.7
≥ 800	57.0	81.9	83.7	84.9	87.3	87.6	88.7	88.7	88.9	90.0	90.0	90.0	90.5	90.5	91.2
≥ 700	57.0	82.1	84.1	85.7	88.2	88.5	89.6	89.6	89.8	90.9	90.9	90.9	91.4	91.4	92.1
≥ 600	57.0	82.3	84.2	86.1	88.7	89.1	90.5	90.5	90.7	91.8	91.8	91.8	92.3	92.3	93.0
≥ 500	57.2	82.4	84.4	86.2	89.1	89.4	91.4	91.4	91.6	92.7	92.7	92.7	93.2	93.2	93.9
≥ 400	57.2	82.8	84.9	86.7	89.6	90.0	92.1	92.1	92.3	93.7	93.7	93.7	94.6	94.6	95.5
≥ 300	57.2	82.8	84.9	86.9	89.8	90.1	92.3	92.3	92.5	93.9	93.9	93.9	94.8	94.8	95.7
≥ 200	57.2	83.0	85.1	87.3	90.3	90.7	93.0	93.0	93.4	94.8	95.0	95.0	96.2	96.2	97.5
≥ 100	57.2	83.0	85.1	87.3	90.3	90.7	93.0	93.0	93.5	94.8	95.2	95.2	96.4	96.4	98.2
≥ 0	57.2	83.0	85.1	87.3	90.3	90.7	93.0	93.0	93.5	94.8	95.2	95.2	96.4	96.4	98.2

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-87
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥0
NO CEILING ≥ 2000	47.1	44.8	44.8	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1800	51.6	58.6	58.6	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1600	52.2	59.3	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 1400	52.9	60.2	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 1200	54.7	62.7	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 1000	57.2	65.1	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 900	58.4	66.7	67.4	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 800	59.3	68.1	68.8	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 700	59.3	68.3	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 600	60.0	69.4	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 500	61.5	71.3	72.6	72.8	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 450	63.3	74.6	75.8	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 400	65.1	77.4	78.7	78.9	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 350	65.9	78.5	79.7	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 300	66.8	80.1	81.4	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 250	67.0	80.8	82.1	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 200	68.3	82.8	84.4	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1800	68.6	83.3	84.9	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	68.8	84.4	86.0	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	69.0	85.3	86.9	87.8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	69.0	86.6	88.2	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	69.2	86.9	88.9	90.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	69.2	87.5	89.4	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	69.7	88.2	90.1	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	69.7	88.5	90.7	92.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	69.7	88.7	91.1	93.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	69.7	88.9	91.6	94.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	69.7	88.9	91.6	94.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	69.7	88.9	91.6	94.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	69.7	88.9	91.6	94.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 0	69.7	88.9	91.6	94.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5

558

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-87

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING	38.9	42.1	42.5	42.5	42.5	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8
≥ 2000	55.0	59.5	59.9	59.9	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2
≥ 1800	55.9	60.4	60.5	60.8	60.8	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1
≥ 1600	56.6	61.3	61.6	61.6	61.6	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0
≥ 1400	57.3	62.2	62.5	62.5	62.5	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9
≥ 1200	60.8	65.6	65.9	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1000	64.3	69.4	69.7	69.7	69.7	69.7	69.7	71.1	71.1	71.1	71.1	71.1	71.1
≥ 900	65.6	70.8	71.1	71.1	71.1	71.1	71.1	71.5	71.5	71.5	71.5	71.5	71.5
≥ 800	66.3	72.0	72.4	72.4	72.4	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8
≥ 700	66.5	72.2	72.6	72.6	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9
≥ 600	67.4	73.1	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8
≥ 500	70.1	75.8	76.2	76.2	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	72.9	79.9	79.9	79.9	79.9	79.9	79.9	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	74.6	81.2	81.5	81.5	81.5	81.5	81.5	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	75.6	82.4	82.8	82.8	82.8	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	77.4	84.9	85.3	85.3	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	79.5	86.9	87.3	87.3	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	80.6	89.6	90.0	90.1	90.1	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	81.2	90.3	91.0	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	81.7	92.1	92.8	93.0	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	81.9	94.6	95.3	95.5	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	81.9	95.2	95.9	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	81.9	95.3	96.1	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	81.9	95.9	96.6	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	82.1	96.6	97.3	98.0	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	82.1	96.8	97.5	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	82.1	96.8	97.5	98.4	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	82.1	97.3	97.7	98.9	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	82.1	97.0	97.7	98.9	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	82.1	97.0	97.7	98.9	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	82.1	97.0	97.7	98.9	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	82.1	97.0	97.7	98.9	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

76-83
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.7	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.6
≥ 20000	58.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.2
≥ 18000	58.8	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 16000	59.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7
≥ 14000	60.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8
≥ 12000	61.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
≥ 10000	65.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8
≥ 9000	67.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 8000	70.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6
≥ 7000	71.6	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 6000	71.9	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6
≥ 5000	73.5	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
≥ 4500	75.1	81.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7
≥ 4000	76.2	82.4	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥ 3500	78.5	85.1	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 3000	81.5	87.3	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4
≥ 2500	82.4	90.0	90.3	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4
≥ 2000	82.6	90.9	91.2	91.9	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1800	83.2	91.4	91.8	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.9
≥ 1500	83.7	92.3	92.7	93.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.2
≥ 1200	83.2	94.1	94.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.5
≥ 1000	83.2	94.3	94.8	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.7
≥ 900	83.2	94.3	94.8	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.7
≥ 800	83.2	94.3	94.8	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.7
≥ 700	83.2	94.4	95.0	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.8
≥ 600	83.2	94.6	95.7	96.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.9
≥ 500	83.2	94.8	95.9	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.6
≥ 400	83.2	94.8	96.1	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
≥ 300	83.2	94.8	96.1	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
≥ 200	83.2	94.8	96.1	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
≥ 100	83.2	94.8	96.1	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
≥ 0	83.2	94.8	96.1	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥¾	≥½	≥5/16
NO CEILING	43.5	46.4	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	55.7	59.1	59.7	59.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	55.9	59.3	59.9	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	55.9	59.3	59.9	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	57.2	61.6	61.1	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 12000	59.7	63.1	63.6	63.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	63.4	68.1	68.6	68.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	64.3	69.9	70.1	70.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	66.7	72.2	72.9	73.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	68.3	74.4	75.1	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000	69.7	75.8	76.5	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	71.0	77.8	78.7	78.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	73.1	80.6	81.5	81.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	74.2	82.1	83.0	83.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	75.1	83.2	84.2	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	77.1	85.3	86.6	86.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	78.1	86.7	88.9	89.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	78.1	88.5	91.4	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	78.1	88.5	91.4	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	78.7	91.0	93.4	93.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	79.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	78.7	91.4	94.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945

KENNEDY SPACE CENTER FL

78-83

TEARS

DEC

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ 0
NO CEILING ≥ 20000	44.3	50.5	50.5	51.1	51.1	51.1	51.3	51.3	51.3	51.4	51.4	51.4	51.6	51.8
≥ 18000	56.5	62.7	62.7	63.6	63.6	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.5	64.7
≥ 16000	56.5	62.7	62.7	63.6	63.6	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.5	64.7
≥ 14000	56.5	62.7	62.7	63.6	63.6	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.5	64.7
≥ 12000	57.5	63.8	63.8	64.7	64.7	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.6	65.8
≥ 10000	60.1	66.5	66.5	67.4	67.4	67.7	67.9	67.9	67.9	68.1	68.1	68.1	68.5	68.6
≥ 9000	61.5	68.5	68.5	69.4	69.4	69.7	69.9	69.9	69.9	70.1	70.1	70.1	70.4	70.6
≥ 8000	62.9	70.6	70.6	71.5	71.5	71.7	71.9	71.9	72.0	72.2	72.2	72.2	72.6	72.8
≥ 7000	64.5	72.9	72.9	74.0	74.0	74.4	74.7	74.7	74.7	74.9	74.9	74.9	75.3	75.4
≥ 6000	64.9	73.3	73.3	74.4	74.4	74.7	74.9	75.1	75.1	75.3	75.3	75.3	75.6	75.8
≥ 5000	66.1	74.7	74.7	75.8	75.8	76.2	76.3	76.5	76.5	76.7	76.7	76.7	77.1	77.2
≥ 4500	67.7	76.3	76.3	77.4	77.4	77.8	78.1	78.1	78.1	78.3	78.3	78.3	78.7	78.9
≥ 4000	69.7	78.7	78.7	79.7	79.7	80.1	80.3	80.5	80.5	80.6	80.6	80.6	81.0	81.2
≥ 3500	70.8	80.1	80.1	81.2	81.2	81.7	81.9	82.1	82.1	82.3	82.3	82.3	82.6	82.8
≥ 3000	72.9	83.3	83.3	84.4	84.4	84.9	85.1	85.3	85.3	85.5	85.5	85.5	85.8	86.0
≥ 2500	74.7	84.9	84.9	86.4	86.4	86.9	87.1	87.3	87.3	87.5	87.5	87.5	87.8	88.0
≥ 2000	75.3	86.7	86.7	88.5	88.5	89.1	89.2	89.4	89.4	89.6	89.6	89.6	90.0	90.1
≥ 1800	75.8	89.1	89.1	91.2	91.2	91.8	91.9	92.1	92.1	92.3	92.3	92.3	92.7	92.8
≥ 1500	76.0	89.2	89.2	91.4	91.4	91.9	92.1	92.3	92.3	92.5	92.5	92.5	92.8	93.0
≥ 1200	76.5	90.3	90.3	93.2	93.2	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.8	95.0
≥ 1000	76.9	91.6	91.6	94.4	94.4	95.2	95.3	95.5	95.5	95.7	95.7	95.7	96.1	96.2
≥ 900	76.9	91.6	91.6	94.4	94.4	95.2	95.3	95.5	95.5	95.7	95.7	95.7	96.1	96.2
≥ 800	76.9	91.9	91.9	95.0	95.0	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.6	96.8
≥ 700	76.9	91.9	91.9	95.0	95.0	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.6	96.8
≥ 600	76.9	92.1	92.1	95.2	95.2	95.9	96.1	96.2	96.2	96.4	96.4	96.4	96.8	97.0
≥ 500	76.9	92.5	92.5	95.5	95.5	96.2	96.4	96.6	96.6	96.8	96.8	96.8	97.1	97.3
≥ 400	76.9	92.7	92.7	96.4	96.4	97.1	97.3	97.5	97.5	97.7	97.7	97.7	97.9	98.2
≥ 300	76.9	92.7	92.7	96.4	96.4	97.5	97.7	97.8	97.8	98.2	98.2	98.2	98.6	98.7
≥ 200	76.9	93.2	93.2	97.0	97.0	98.0	98.2	98.4	98.4	98.9	98.9	98.9	99.3	99.8
≥ 100	76.9	93.2	93.2	97.0	97.0	98.0	98.2	98.4	98.4	98.9	98.9	98.9	99.3	100.0
≥ 0	76.9	93.2	93.2	97.0	97.0	98.0	98.2	98.4	98.4	98.9	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74794F STATION KENNEDY SPACE CENTER FL

78-83

YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS 11511

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 0
NO CEILING	41.3	46.8	47.1	47.3	47.5	47.5	47.7	47.7	47.8	48.0	48.0	48.2	48.5
≥ 20000	53.1	59.8	60.1	60.3	60.7	60.8	61.0	61.0	61.3	61.3	61.3	61.5	61.9
≥ 18000	53.2	60.0	60.3	60.6	60.9	61.0	61.2	61.2	61.3	61.6	61.6	61.8	62.2
≥ 16000	53.4	60.3	60.6	60.9	61.2	61.2	61.4	61.5	61.5	61.8	61.8	62.0	62.4
≥ 14000	54.3	61.2	61.6	61.8	62.2	62.3	62.5	62.5	62.5	62.8	62.8	63.0	63.4
≥ 12000	56.0	63.2	63.5	63.8	64.2	64.2	64.4	64.5	64.5	64.8	64.8	65.0	65.4
≥ 10000	58.7	66.3	66.6	66.9	67.3	67.4	67.6	67.7	67.7	68.0	68.0	68.2	68.6
≥ 9000	59.8	67.7	68.1	68.4	68.8	68.9	69.1	69.2	69.5	69.5	69.5	69.7	70.1
≥ 8000	61.5	70.1	70.5	70.9	71.3	71.3	71.6	71.6	71.9	71.9	71.9	72.2	72.6
≥ 7000	61.9	70.7	71.2	71.5	72.0	72.0	72.2	72.3	72.6	72.6	72.6	72.8	73.3
≥ 6000	63.1	72.0	72.4	72.8	73.3	73.4	73.6	73.6	73.9	73.9	73.9	74.2	74.6
≥ 5000	64.9	74.2	74.8	75.2	75.7	75.8	76.0	76.1	76.3	76.3	76.3	76.6	77.0
≥ 4500	66.8	76.6	77.3	77.6	78.2	78.3	78.5	78.5	78.8	78.8	78.8	79.1	79.5
≥ 4000	68.0	78.4	79.0	79.3	79.9	80.0	80.2	80.3	80.6	80.6	80.6	80.8	81.3
≥ 3500	69.4	80.1	80.9	81.1	81.7	81.8	82.1	82.1	82.4	82.4	82.4	82.6	83.0
≥ 3000	70.5	81.7	82.5	82.9	83.5	83.6	83.8	83.9	84.2	84.2	84.2	84.4	84.8
≥ 2500	71.6	83.4	84.4	84.7	85.4	85.5	85.7	85.8	86.1	86.1	86.1	86.3	86.7
≥ 2000	72.6	85.8	87.1	87.6	88.3	88.4	88.6	88.7	89.0	89.0	89.0	89.2	89.7
≥ 1800	72.9	86.3	87.5	88.2	89.0	89.0	89.3	89.4	89.7	89.7	89.7	89.9	90.3
≥ 1500	73.4	87.5	88.9	89.7	90.5	90.6	90.8	90.9	91.2	91.2	91.2	91.5	91.9
≥ 1200	73.6	88.9	90.5	91.3	92.2	92.3	92.6	92.7	93.0	93.0	93.0	93.3	93.7
≥ 1000	73.6	89.4	90.9	91.7	92.7	92.8	93.1	93.2	93.5	93.5	93.5	93.8	94.2
≥ 900	73.6	89.7	91.3	92.2	93.2	93.3	93.6	93.7	94.0	94.0	94.0	94.3	94.7
≥ 800	73.6	89.9	91.6	92.7	93.7	93.8	94.1	94.2	94.5	94.6	94.6	94.8	95.2
≥ 700	73.7	90.2	91.9	93.1	94.1	94.2	94.6	94.7	95.0	95.0	95.0	95.3	95.7
≥ 600	73.7	90.5	92.3	93.6	94.7	94.8	95.2	95.3	95.6	95.7	95.7	95.9	96.3
≥ 500	73.7	90.7	92.6	94.0	95.1	95.2	95.8	95.9	96.2	96.3	96.3	96.5	96.9
≥ 400	73.7	91.9	93.7	94.6	95.8	95.9	96.5	96.7	97.1	97.2	97.2	97.5	97.9
≥ 300	73.7	91.0	93.1	94.7	96.0	96.1	96.8	97.0	97.5	97.6	97.6	98.0	98.5
≥ 200	73.7	91.2	93.3	94.9	96.2	96.4	97.2	97.4	98.1	98.2	98.2	98.7	99.1
≥ 100	73.7	91.3	93.3	94.9	96.3	96.4	97.2	97.5	98.1	98.2	98.2	98.8	99.4
≥ 0	73.7	91.3	93.3	94.9	96.3	96.4	97.2	97.5	98.1	98.2	98.2	98.8	99.4

TOTAL NUMBER OF OBSERVATIONS

4464

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-84

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥5/16
NO CEILING	46.7	53.8	54.4	54.8	55.0	55.1	55.2	55.2	55.2	55.3	55.4	55.4	55.4
≥ 20000	61.9	71.5	72.3	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	62.1	71.7	72.5	72.9	73.2	73.3	73.4	73.5	73.5	73.6	73.6	73.7	73.7
≥ 16000	62.3	72.1	72.9	73.3	73.6	73.7	73.8	73.8	73.8	74.0	74.0	74.1	74.1
≥ 14000	53.2	73.1	73.9	74.4	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.1	75.1
≥ 12000	65.2	75.8	76.5	77.0	77.3	77.4	77.5	77.6	77.6	77.7	77.7	77.8	77.8
≥ 10000	67.8	79.3	80.2	80.6	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.4	81.4
≥ 9000	69.1	81.3	81.9	82.4	82.7	82.8	83.0	83.0	83.0	83.1	83.1	83.2	83.2
≥ 8000	77.1	82.7	83.6	84.1	84.5	84.5	84.7	84.7	84.7	84.9	84.9	85.0	85.0
≥ 7000	70.5	83.2	84.1	84.6	85.0	85.0	85.2	85.2	85.2	85.4	85.4	85.5	85.5
≥ 6000	70.9	83.7	84.7	85.2	85.6	85.6	85.8	85.8	85.8	86.0	86.0	86.1	86.1
≥ 5000	71.9	85.1	86.1	86.7	87.0	87.1	87.3	87.3	87.3	87.4	87.4	87.5	87.5
≥ 4500	73.1	86.8	87.9	88.5	88.9	88.9	89.1	89.1	89.1	89.2	89.3	89.3	89.3
≥ 4000	73.8	88.0	89.1	89.7	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.6	90.6
≥ 3500	74.7	89.3	90.5	91.1	91.5	91.6	91.8	91.8	91.8	91.9	92.0	92.0	92.0
≥ 3000	75.4	90.5	91.7	92.4	92.8	92.9	93.1	93.1	93.1	93.3	93.3	93.4	93.4
≥ 2500	75.9	91.4	92.7	93.4	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.4	94.4
≥ 2000	76.6	92.8	94.2	95.0	95.6	95.6	95.8	95.9	95.9	96.0	96.1	96.2	96.2
≥ 1800	76.7	93.1	94.5	95.3	95.9	95.9	96.2	96.2	96.2	96.4	96.4	96.5	96.5
≥ 1500	76.9	93.5	94.9	95.8	96.4	96.5	96.7	96.8	96.8	96.9	97.0	97.1	97.1
≥ 1200	77.0	94.0	95.5	96.3	97.0	97.0	97.3	97.3	97.3	97.5	97.5	97.6	97.6
≥ 1000	77.1	94.1	95.6	96.5	97.1	97.2	97.5	97.5	97.5	97.7	97.7	97.8	97.8
≥ 900	77.1	94.2	95.8	96.7	97.3	97.4	97.7	97.7	97.7	97.9	97.9	98.0	98.0
≥ 800	77.1	94.3	95.9	96.8	97.5	97.6	97.8	97.9	97.9	98.1	98.1	98.2	98.2
≥ 700	77.1	94.5	96.1	97.0	97.7	97.8	98.1	98.1	98.1	98.3	98.4	98.5	98.5
≥ 600	77.1	94.6	96.2	97.2	98.0	98.0	98.3	98.4	98.4	98.6	98.6	98.8	98.8
≥ 500	77.2	94.7	96.4	97.4	98.1	98.2	98.5	98.6	98.6	98.8	98.9	99.0	99.0
≥ 400	77.2	94.8	96.5	97.5	98.3	98.4	98.8	98.9	98.9	99.1	99.2	99.3	99.3
≥ 300	77.2	94.8	96.5	97.5	98.4	98.5	98.9	99.0	99.0	99.3	99.3	99.5	99.5
≥ 200	77.2	94.8	96.5	97.6	98.5	98.6	99.0	99.1	99.1	99.4	99.5	99.6	99.6
≥ 100	77.2	94.8	96.5	97.6	98.5	98.6	99.0	99.1	99.1	99.4	99.5	99.7	99.7
≥ 0	77.2	94.8	96.5	97.6	98.5	98.6	99.0	99.1	99.1	99.4	99.5	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 51859

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS ALL SAMPLES OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	0-02	37.2			43.6						15.1	25.9	4.6	556
	3-05	23.4			26.0						12.1	27.6	4.7	554
	6-10	25.7			34.7						27.2	26.5	5.8	547
	9-11	9.3			37.0						24.6	28.9	6.2	557
	12-14	7.1			35.0						27.8	28.9	6.5	558
	15-17	5.3			35.1						28.1	29.9	6.6	558
	18-20	17.6			37.0						22.0	26.0	5.6	558
	21-23	20.2			27.5						17.1	25.1	4.9	557
TOTALS		17.8			31.8						21.3	27.4	5.6	4445

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	0-02	32.5			26.6						15.7	25.2	4.7	504
	03-05	27.0			44.6						25.0	24.6	5.3	501
	06-10	16.6			27.5						22.6	33.3	6.2	505
	11-14	11.4			21.1						23.2	34.3	6.4	508
	15-16	5.4			32.4						25.5	32.7	6.5	510
	17-18	7.6			36.1						24.3	32.0	6.5	510
	19-20	15.6			32.5						22.6	29.3	5.9	508
	21-23	29.8			23.4						19.4	27.4	5.2	504
TOTALS		10.9			20.2						22.0	29.9	5.8	4050

SKY COVER

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAFETAC
FORM
JUL 64
0-9-5 (OL A)
PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	13-18	37.5			32.5						12.3	17.2	3.9	535
	19-25	32.6			32.6						16.6	18.1	4.3	535
	26-30	17.7			3.9						24.2	20.0	5.3	530
	1-11	9.6			44.2						28.1	17.4	5.6	540
	12-16	9.6			41.9						29.8	18.5	5.8	540
	17-17	11.2			42.6						24.6	21.7	5.7	549
	18-20	15.5			38.0						29.9	22.6	5.3	540
	21-23	34.1			31.4						13.7	20.8	4.3	539
TOTALS		21.2			37.8						21.4	19.5	5.0	4294

SKY COVER

245

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	6-11	34.4			35.4						13.8	15.4	3.9	558
	12-15	25.0			43.5						15.8	14.2	4.2	556
	16-22	11.8			40.5						29.1	18.6	5.7	543
	23-31	4.3			42.0						28.6	17.1	5.8	555
	1-10	2.3			52.1						28.1	17.4	5.8	558
	11-17	8.1			42.4						29.6	19.0	5.9	558
	18-20	12.7			47.0						26.5	20.3	5.6	558
	21-23	37.3			34.8						19.4	15.6	4.3	558
TOTALS		16.4			42.6						23.9	17.2	5.2	4444

SKY COVER

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

FORM
JUL 64

FORM
JUL 64

JUL

PLINCOM

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	10-00	20.5			42.2						19.4	11.8	4.4	557
	0-05	22.3			53.8						18.2	7.7	4.0	556
	0-10	5.7			54.7						29.8	10.4	5.3	557
	10-15	2.7			45.1						40.6	11.7	6.2	557
	15-20				42.8						44.6	12.5	6.6	558
	20-25	1.1			32.0						38.7	21.3	6.8	558
	25-30	2.5			34.0						35.6	27.0	6.9	556
	31-33	9.7			43.2						27.9	19.8	5.8	555
TOTALS		7.7			45.7						31.9	15.3	5.8	4454

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MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	01-02	16.0			43.2						21.8	13.0	4.7	555
	3-05	14.5			56.2						18.7	10.5	4.4	552
	6-08	2.2			57.0						30.6	9.9	5.5	556
	09-11	1.3			42.7						41.9	8.1	6.0	558
	12-14	1.1			41.6						43.2	14.2	6.6	558
	15-17	1.6			38.9						37.3	22.2	6.7	558
	18-21	1.6			36.0						35.0	27.4	7.0	555
	21-23	11.5			36.8						29.0	23.0	6.0	556
TOTALS		6.7			45.5						22.2	16.0	5.9	4448

SKY COVER

2
3
4

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	10-12	13.7			41.7						27.4	17.2	5.4	540
	13-15	11.7			55.7						18.0	14.7	4.8	539
	16-18	1.7			51.5						31.9	15.0	5.9	540
	19-21	.0			41.2						41.7	16.7	6.7	540
	22-24				39.4						43.7	16.9	6.8	540
	25-27	.7			35.7						39.3	24.3	7.0	540
	28-30	2.4			38.7						26.7	32.2	6.8	540
	31-33	8.1			47.2						24.4	27.2	6.1	540
TOTALS		4.8			43.1						31.6	20.5	6.2	4319

100

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	15.7			39.8						23.4	17.5	5.1	555
	3-05	20.8			41.2						20.7	16.7	4.8	552
	06-09	6.9			45.9						37.2	17.9	5.8	553
	10-11	4.7			44.6						34.9	15.8	6.1	558
	12-14	2.5			41.7						38.9	17.6	6.5	558
	15-17	2.9			45.7						34.4	17.0	6.2	558
	18-20	9.7			43.2						26.2	21.1	5.7	558
	21-23	17.7			4.5						21.3	20.4	5.2	558
TOTALS		10.6			42.8						28.7	17.9	5.7	4450

SKY COVER

Nov

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	1-22	25.3			32.6						19.3	21.8	4.9	533
	23-30	24.0			35.9						18.8	21.3	4.9	526
	1-30	13.7			32.2						25.6	21.4	5.6	527
	1-11	3.5			41.4						27.1	23.0	6.2	539
	12-14	8.1			37.0						35.2	19.6	6.2	540
	15-17	8.1			38.3						29.4	24.1	6.2	542
	18-20	16.3			32.6						25.9	27.2	6.0	543
	21-23	23.6			30.7						23.0	22.8	5.3	535
TOTALS		15.0			35.9						25.5	22.7	5.6	4280

SKY COVER

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W
D

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	19.1			34.5						18.1	28.3	5.5	551
	03-05	21.9			30.4						15.8	31.9	5.5	543
	06-08	9.2			34.8						25.0	32.1	6.5	549
	09-11	4.3			36.2						26.2	33.3	6.8	558
	12-14	3.6			33.6						32.9	29.9	7.0	556
	15-17	5.8			30.5						31.0	33.0	7.0	558
	18-20	13.3			20.7						27.1	30.6	6.4	558
	21-23	23.0			26.4						21.9	27.8	5.5	557
TOTALS		17.5			31.9						24.8	30.9	6.3	4430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

SKY COVER

ALL

73-84

KENNEDY SPACE CENTER FL

MONTH

PERIOD

STATION NAME

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	10.6			31.8						21.3	27.4	5.6	4445
FEB		18.9			29.2						22.0	29.9	5.8	4050
MAR		18.1			34.3						23.0	24.7	5.6	3698
APR		11.2			37.8						21.4	19.5	5.0	4294
MAY		15.4			42.6						23.9	17.2	5.2	4444
JUN		17.7			36.9						29.3	20.2	5.9	4308
JUL		7.7			45.1						31.9	15.3	5.8	4454
AUG		5.3			45.5						32.2	16.0	5.9	4448
SEP		4.0			43.0						31.6	20.5	6.2	4319
OCT		10.8			42.8						28.7	17.9	5.7	4450
NOV		15.7			35.9						25.5	22.7	5.6	4280
DEC		12.5			31.9						24.8	30.9	6.3	4430
TOTALS		13.5			38.3						26.3	21.9	5.7	51620

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

E

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σx). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 70-84

JAN
MONTH

PAGE 1 0000-0200
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb		
74/ 73																		1	1			
73/ 72																		9	9			
72/ 71																		12	12	7		
71/ 70																		28	28	10		
70/ 69																		36	36	26		
69/ 68																		45	45	38		
68/ 67																		29	29	45		
67/ 66																		47	47	33		
66/ 65																		19	19	31		
65/ 64																		32	32	26		
64/ 63																		51	51	23		
63/ 62																		30	30	40		
62/ 61																		41	41	27		
61/ 60																		53	53	48		
60/ 59																		34	34	43		
59/ 58																		29	29	35		
58/ 57																		15	15	42		
57/ 56																		13	13	29		
56/ 55																		9	9	14		
55/ 54																		12	12	16		
54/ 53																		4	4	10		
53/ 52																		5	5	15		
52/ 51																		2	2	8		
51/ 50																		2	2	6		
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18/ 17																						
17/ 16																						
16/ 15																						
TOTAL	8.16	422.2	7.3	1.9														558	558	558		

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature									
Rel. Hum.	42229.5	431.67	86.3	11.355	558	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	1666033	70935	53.8	9.522	558		1.5	8.3	.2			93			
Wet Bulb	154691	28562	51.7	9.851	558		2.5	4.0				93			
Dew Point	1440579	27746	49.7	11.203	558		6.8	2.8				93			

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature									
Rel. Hum...	9229.15	481.67	86.3	11.355	558	$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	Total			
Dry Bulb	16660.93	709.53	53.8	9.522	558		1.5	8.3	.2			93			
Wet Bulb	15469.1	686.62	51.7	9.851	558		2.5	4.0				93			
Dew Point	14495.79	677.46	49.7	11.203	558		6.8	2.8				93			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAF

PSYCHROMETRIC SUMMARY

747945

KENNEDY SPACE CENTER FL

79-80

STATION NAME

STATION NAME

YEARS

JAN.

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/70	0	1.5	3.5															5	5	8	7
71/69	0	1.5	3.5															14	14		
63/67	1.5	2.5																21	21	20	9
66/65	1.5	5.5	3.5															38	38	25	32
64/62	3.5	3.5	5.5	3.5														26	26	32	26
62/61	1.5	2.5	3.5	3.5	3.5													32	32	26	32
61/59	1.5	4.5	7.5	7.5	3.5													48	48	38	31
53/57	3.5	2.5	3.5	3.5	3.5													27	27	39	41
56/55		3.5			3.5													35	35	26	23
54/53		3.5	1.5	3.5														35	36	36	25
52/51	1.5	2.5	1.5	4.5														31	31	37	36
51/49	3.5	4.5	1.5	3.5														42	42	22	27
48/47	3.5	4.5	3.5	3.5														35	35	42	31
46/45	3.5	4.5	1.5	3.5														31	31	40	40
44/43	3.5	3.5	3.5	3.5														31	35	35	28
42/41	3.5	3.5	3.5	3.5														35	35	38	40
40/38	3.5	3.5	1.5	3.5														28	28	28	33
38/37	3.5	3.5	1.5	3.5														12	12	31	24
36/35	3.5	3.5	3.5	3.5														10	10	16	18
34/33	3.5	3.5	3.5	3.5														9	9	6	18
32/31	3.5	3.5	3.5	3.5														3	3	9	10
30/29	3.5	3.5	3.5	3.5														5	5	5	8
28/27	3.5	3.5	3.5	3.5														5	5	2	2
26/25	3.5	3.5	3.5	3.5														1	1	5	9
24/23																				2	
22/21																					
20/19																					
18/17																					
16/15																					
14/13																					
TOTAL	16.35	7.9	4.1	4.1	3.7	3.3												558	558	558	558

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	4443544	48460	86.61	10.236	558	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	1567681	29227	52.00	11.004	558		2.3	6.7				93	
Wet Bulb	482344	2829	5.07	11.211	558		3.8	4.7				93	
Dew Point	1414798	27388	49.11	11.276	558		6.2	2.7				93	

GLOBAL CLIMATE TOLOGY WATCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 79-85 YEARS JAN MONTH 0600-0800 HOURS (L.S.T.)
PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 71		1.0	.4															9	9	7	71
77/ 69	.5	.4	.4															7	7		
63/ 67	.4	1.5	.1															22	22	11	10
66/ 65	.5	2.5	.2															34	34	29	31
64/ 63	.4	3.8	.9	.0														20	30	30	21
62/ 61	.3	4.6	1.1	.2	.1													33	33	35	36
60/ 59	1.6	2.0	.5	.4														30	30	25	28
58/ 57	1.6	3.5	.7	.4														35	35	36	31
50/ 55	1.1	3.2	2.5	.2	.5													39	39	23	24
54/ 53	1.3	5.2	.5	.2														40	40	44	32
52/ 51	.0	7.4	.7	.2	.2													29	29	41	41
51/ 45	1.6	3.1	1.4	.2	.2													35	35	27	36
48/ 47	1.3	2.0	.2	.5														37	27	38	28
46/ 45	.9	3.8	.4	.4														30	30	27	33
44/ 43	.9	3.9	.9	.2														33	33	37	31
42/ 41	1.1	5.4	.7															40	40	34	32
40/ 39	1.3	2.7	.7															26	26	34	28
30/ 37	.9	2.7	.2															17	17	34	28
30/ 35	.5	1.6	.4															24	14	16	26
34/ 33	.4	.2	.7	.0														8	8	9	14
32/ 31		.4	.7	.2														7	7	3	11
30/ 29	.0	.4	.4	.0	.2													5	5	0	5
28/ 27		.4	.2	.0														4	4	5	3
27/ 25		.4																2	2	4	1
24/ 23	.0																	1	1	3	2
22/ 21	.0																	1	1	1	4
20/ 19																					9
18/ 17																					2
16/ 15																					0
14/ 13																					1
TOTAL	10.96	40.52	3.4	.7														558	558	558	558

Element (X)	ΣX ²	ΣX	Σ% ₂	No. Obs.	Mean No. of Hours with Temperature						
					≥ 73 F	≥ 80 F	≥ 93 F	Total			
Rel. Hum.	454.276	50332	29.7	9.266	553						
Dry Bulb	15534.1	18857	51.71	1.17	553	6.3			93		
Wet Bulb	1467235	17997	50.21	1.594	553	3.7			93		
Dew Point	1729487	27285	43.71	1.310	553	2.8			93		

Element (X)	Σ X ²		Σ X		X		Σ X		Mean No. of Hours with Temperature		No. Obs.		Total	
	Σ X ²		Σ X		X		Σ X		≥ 32 F	≥ 27 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.	454.226		50332		99.7	9.966	553		3.3	6.3			93	
Dry Bulb	15534.1		18857		50.71	1.7	553						93	
Wet Bulb	1467235		27997		50.21	1.94	553		4.5	3.7			93	
Dew Point	1329457		2735		43.71	1.517	553		6.7	2.8			93	

REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 64 JUL 64

USAFETAC

GLOBAL CLIMATE TOLOGY BRANCH
USAFETIAC
AIR WEATHER SERVICE/PAO

PSYCHROMETRIC SUMMARY

797945 KENNEDY SPACE CENTER FL 79-24 JAN
STATION NAME YEARS MONTH
PAGE 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
77/ 77																		2	2				
78/ 77																		8	8				
76/ 75																		10	10				
74/ 73																		19	19	1			
72/ 71																		28	28	12			
71/ 69																		32	32	22			
67/ 67																		51	51	34			
66/ 65																		45	45	31			
64/ 63																		46	46	40			
62/ 61																		52	52	41			
61/ 59																		54	54	49			
59/ 57																		29	29	50			
56/ 55																		39	39	37			
54/ 53																		29	29	49			
52/ 51																		22	22	33			
50/ 49																		24	24	29			
48/ 47																		19	19	24			
46/ 45																		14	14	25			
44/ 43																		10	10	19			
42/ 41																		8	8	18			
40/ 39																		6	6	15			
38/ 37																		3	3	6			
36/ 35																		2	2	8			
34/ 33																		5	5	7			
32/ 31																		1	1	4			
31/ 30																				1			
28/ 27																				3			
26/ 25																							
24/ 23																							
22/ 21																							
21/ 19																							
18/ 17																							
16/ 15																							
14/ 13																							
Element (X)	ΣX											ΣX ²		No. Obs.				Mean No. of Hours with Temperature					
Rel. Hum.														≥ 80 F				≥ 93 F		Total			
Dry Bulb														≥ 73 F									
Wet Bulb														≥ 67 F									
Dew Point														≥ 32 F									

PSYCHROMETRIC SUMMARY

STATION 747545 KENNEDY SPACE CENTER FL 70-84 YEARS MONTH JAN PAGE 1 1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 85						.4	.4	.2										5	5		
62/ 81						.4	.2	.2										11	11		
60/ 79						.4	.2	.2										10	10		
71/ 77				1.2	1.1	.2	.4	.2										18	18		
76/ 75				.9	1.0	2.0	.9	.2	.2	.2								34	34	1	
74/ 73				.7	.9	2.7	.4	.2	.2	.2								36	36	8	
77/ 71		.9	.4	.4	2.3	.7	1.3	.4	.2	.2								41	41	18	
77/ 69		.7	.7	1.7	1.9	2.7	.4	.2	.2	.2								49	49	34	
65/ 67	.5	1.3	1.4	1.2	1.1	1.4	1.6	.2	.2	.2								50	50	26	
66/ 63	.5	1.3	.5	.5	.9	2.1	2.5	.7	.2	.2								51	51	47	
64/ 62	.3	1.4	.5	1.6	1.4	1.6	1.3	.2	.2	.2								51	51	49	
62/ 61	.3	1.4	1.3	1.8	1.7	1.3	.5	.2	.2	.2	.2							49	49	29	
60/ 59	.4	.5	1.7	2.2	.7	.6	.7	.2	.2	.2	.2							46	46	44	
56/ 57	.5	.7	.2	.9	1.3	.9	.7	.2	.2	.2	.2							28	28	50	29
57/ 55	.4	.4	.2	.9	.5	.7	.2	.2	.2	.2	.2							16	16	50	33
54/ 53	.2	.2	.2	1.1	.9	.4	.4	.2	.2	.2	.2							17	17	49	41
52/ 51	.3	.5	.2	.4	1.3	.4	.2	.2	.2	.2	.2							22	22	24	32
51/ 49			.2	.4	.2	.4	.2	.2	.2	.2	.2							11	11	27	24
48/ 47				.9	.4	.2	.4	.2	.2	.2	.2							6	6	27	32
46/ 45					.2	.2	.2	.2	.2	.2	.2							1	1	19	27
44/ 43						.2	.2	.2	.2	.2	.2							3	3	19	31
42/ 41							.2	.2	.2	.2	.2							1	1	16	18
40/ 39							.2	.2	.2	.2	.2							1	1	8	22
38/ 37							.2	.2	.2	.2	.2							1	1	2	17
36/ 35							.2	.2	.2	.2	.2									3	12
34/ 33							.2	.2	.2	.2	.2									1	20
32/ 31							.2	.2	.2	.2	.2										11
31/ 29							.2	.2	.2	.2	.2									1	7
29/ 27							.2	.2	.2	.2	.2										4
26/ 25							.2	.2	.2	.2	.2										2
24/ 23							.2	.2	.2	.2	.2										3
22/ 21							.2	.2	.2	.2	.2										5
21/ 20							.2	.2	.2	.2	.2										4
20/ 15							.2	.2	.2	.2	.2										3
Element (X)	ΣX²		ΣX		X̄		s²		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F		≤ 32 F		≤ 67 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

JAN
MONTH

1207-14:12
HOURS (L. S. T.)

FORM 0-26-5 (OL A) JUL 64

USAFETAC

[illegible]

GLOBAL CLIMATOLOGY WATCH
USAFETAC
AND WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL 70-83 YEARS MONTH JAN
PAGE 1 1870-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
77 / 77																		1	1	1	
76 / 75																		1	1	1	
74 / 73																		3	3	3	
72 / 71																		20	20	2	
71 / 69																		24	24	9	
68 / 67																		36	36	25	
66 / 65																		42	42	31	
64 / 63																		52	52	41	
62 / 61																		51	51	51	
60 / 59																		56	56	40	
57 / 57																		42	42	42	
56 / 55																		53	53	41	
54 / 52																		41	41	39	
52 / 51																		35	35	40	
50 / 49																		40	40	51	
48 / 47																		22	22	38	
46 / 45																		16	16	29	
44 / 43																		4	4	35	
42 / 41																		6	6	21	
41 / 39																		6	6	8	
39 / 37																		3	3	4	
36 / 35																		2	2	4	
34 / 33																		2	2	4	
32 / 31																				1	
30 / 29																				2	
28 / 27																				2	
26 / 25																				2	
24 / 23																				1	
22 / 21																				2	
20 / 19																				2	
18 / 17																				2	
16 / 15																				2	
14 / 13																				2	
TOTAL	1.33	9.30	8.99	9.9	9.5	2.9	1.8											558	558	558	558
</																					

Mean No. of Hours with Temperature

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					≥ 80 F	≥ 73 F	≥ 67 F	≥ 93 F	Total
Rel. Hum.	7433505	45785	77.2	13.551	158										
Dry Bulb	680113	32421	58.1	7.064	558							0.8	74.2		93
Wet Bulb	1684283	3237	54.3	8.514	558								6.0		93
Dew Point	1496452	26278	50.7	11.668	558								4.5	3.5	93

GLOBE CLIMATOLOGY BRANCH
USAFETAC
AID FEATURES SERVICE/10 C

PSYCHROMETRIC SUMMARY

747045 STATION NAME: KENNEDY SPACE CENTER FL 73-34 YEARS: JAN MONTH: 2100-2300 HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 71		7	1	4														12	12	1	
70/ 69		6	0															14	14	6	4
68/ 67		6	0	3														28	28	21	13
66/ 65		5	1	2														36	36	27	23
64/ 63		5	0	0														38	38	32	33
62/ 61		5	0	0	0													42	42	52	35
60/ 59		4	0	1	0	0												45	45	38	56
58/ 57		4	0	0	0	0	0											33	33	29	25
56/ 55		4	0	0	0	0	0											46	46	35	28
54/ 53		4	0	1	0	0	0											48	48	40	35
52/ 51		4	0	1	0	0	0											45	45	34	24
50/ 49		4	0	1	0	1	0	0										46	46	44	34
48/ 47		3	0	1	0	0	0											39	39	46	38
46/ 45		3	0	0	0	0	0											25	25	34	36
44/ 43		3	0	0														13	13	31	26
42/ 41		3	0	0														13	13	36	34
40/ 39		3	0	0	0	0												17	17	14	24
38/ 37		3	0	0	0	0	0											6	6	15	10
36/ 35		3	0	0	0													3	3	5	24
34/ 33		3	0	0	0	0												3	3	5	17
32/ 31		3	0	0	0	0												4	4	7	11
30/ 29		3	0	0	0	0												2	2	1	3
28/ 27																				2	3
26/ 25																					2
24/ 23																					2
22/ 21																					1
20/ 19																					4
18/ 17																					2
16/ 15																					1
14/ 13																					1
TOTAL	3	54	325	810	9	0	0	0	0	0	0	0	0	0	0	0	0	558	558	558	558

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum..	3052754	46456	83.3	12.331	558								
Dry Bulb	1738803	11745	55.1	8.774	558		1.0	9.0					93
Wet Bulb	1584711	29191	52.5	8.302	558		2.2	4.7					93
Dew Point	1459371	27669	49.9	11.02	558		5.0	2.8					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

STATION 707945 KENNEDY SPACE CENTER FL 70-84 YEARS MONTH JAN PAGE 3 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
87/83																		6	6				
82/81																		15	15				
87/79																		22	22				
78/77																		49	49				
76/75																		61	61	1			
74/73																		98	98	13			
77/71																		152	152	41	5		
71/69																		214	214	126	62		
66/67																		284	284	184	137		
66/65																		342	342	273	224		
64/63																		332	332	317	226		
62/61																		332	332	327	311		
67/59																		376	376	390	339		
68/57																		250	250	316	247		
66/55																		293	293	208	234		
64/53																		286	286	336	261		
57/51																		230	230	292	264		
57/49																		248	248	264	228		
48/37																		202	202	295	262		
46/45																		153	153	246	291		
44/43																		127	127	218	231		
42/41																		120	120	209	221		
45/39																		99	99	131	202		
38/37																		51	51	83	163		
36/35																		43	43	67	143		
34/33																		31	31	43	118		
32/31																		20	20	32	88		
37/29																		12	12	23	50		
28/27																		11	11	17	32		
26/25																		3	3	19	23		
24/23																		1	1	5	14		
22/21																		1	1	1	28		
20/19																					25		
18/17																					10		
Element (X)	Σ X ²		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

WET BULB TEMPERATURE DEPRESSION (F)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/NAO

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL
STATION NAME

73-84

YEARS

FEB
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°F)																TOTAL		TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	
71	1.8	1.4																16	16
72	2.0	1.6																22	22
73	2.2	1.8																33	33
74	2.4	2.0	1.4															38	38
75	2.6	2.2	1.8	1.4														46	46
76	2.8	2.4	2.0	1.6	1.2													49	49
77	3.0	2.6	2.2	1.8	1.4	1.0												43	43
78	3.2	2.8	2.4	2.0	1.6	1.2	0.8											40	40
79	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6										38	38
80	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8	0.4									33	33
81	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6	0.2								28	28
82	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8	0.4	0.0							26	26
83	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6	0.2	0.0						27	27
84	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.0					16	16
85	4.6	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6	0.2	0.0	0.0				20	20
86	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.0	0.0			14	14
87	5.0	4.6	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6	0.2	0.0	0.0	0.0		12	12
88	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	5	5
89	5.4	5.0	4.6	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6	0.2	0.0	0.0	0.0	4	4
90	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.0	0.0		
91	5.8	5.4	5.0	4.6	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6	0.2	0.0	0.0		
92	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.0		
93	6.2	5.8	5.4	5.0	4.6	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6	0.2	0.0		
94	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8	0.4	0.0		
95	6.6	6.2	5.8	5.4	5.0	4.6	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6	0.2		
96	6.8	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8	0.4		
97	7.0	6.6	6.2	5.8	5.4	5.0	4.6	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.6		
98	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8		
99	7.4	7.0	6.6	6.2	5.8	5.4	5.0	4.6	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0		
100	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2		
TOTAL	3.0	57.5	52.6	47.0	41.0	35.0	29.0	23.0	17.0	11.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	510	510

Element (X)	ΣX²	ΣX	X̄	s²	No. Obs.	Mean No. of Hours with Temperature						Total							
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F								
Rel. Hum.	27564.97	930.29	85.2	17.702	51														
Dry Bulb	16071.97	290.57	57.0	9.605	51										11.7				84
Wet Bulb	15611.6	278.36	54.6	9.763	51										7	6.8			84
Dew Point	14599.9	267.66	52.5	10.112	51										3.5	5.3			84

747045 KENNEDY SPACE CENTER FL
STATION NAME

72-24

FEB
MONTH

PAGE 1 0300-0500
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
71/ 71																		4	4	4	1	
70/ 69																		3	3	3	7	
69/ 67																		2	2	2	25	
68/ 65																		1	1	1	18	
67/ 63																		0	0	0	28	
66/ 61																		0	0	0	56	
65/ 59																		0	0	0	44	
64/ 57																		0	0	0	28	
63/ 55																		0	0	0	35	
62/ 53																		0	0	0	33	
61/ 51																		0	0	0	31	
60/ 49																		0	0	0	31	
59/ 47																		0	0	0	19	
58/ 45																		0	0	0	28	
57/ 43																		0	0	0	21	
56/ 41																		0	0	0	27	
55/ 39																		0	0	0	25	
54/ 37																		0	0	0	11	
53/ 35																		0	0	0	10	
52/ 33																		0	0	0	11	
51/ 31																		0	0	0	8	
50/ 29																		0	0	0	5	
49/ 27																		0	0	0	2	
48/ 25																		0	0	0	3	
47/ 23																		0	0	0	1	
46/ 21																		0	0	0	1	
45/ 19																		0	0	0	1	
44/ 17																		0	0	0	1	
43/ 15																		0	0	0	1	
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	510	

Element (X)	Σ X ²	Σ X	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3676874	34142	86.61	508	510	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 93 F	Total	
Dry Bulb	2642949	28587	56.1	8.227	510			10.2			84	
Wet Bulb	1527124	27504	53.9	9.202	510		1.7	5.6			84	
Dew Point	1437572	26532	52.0	10.609	510		3.8	5.1			84	

Element (X)	Σ X ²	Σ X	X̄	S _x ²	No. Obs.	Mean No. of Hours with Temperature							Total	
						≤ 32 F	≤ 37 F	≤ 43 F	≤ 50 F	≥ 53 F	≥ 60 F	≥ 63 F		
Rel. Hum.	3276874	84142	86.61	508	510									
Dry Bulb	2642949	28587	56.1	8.327	510									84
Wet Bulb	1527124	27504	53.9	9.202	510									84
Dew Point	1437572	26532	52.1	10.609	510									84

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 79-8" STATION NAME YEARS MONTH PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73																		1	1		
73/ 71		.4	.6															5	5		
70/ 69	.4	0.2	.8															28	28	11	6
68/ 67	1.0	3.7	1.8	.4														35	35	31	28
66/ 65	.2	0.7	1.		.2													31	31	25	23
64/ 63	.2	5.7	1.4	.3														40	40	35	30
62/ 61	1.4	5.9	.6	.4														42	42	46	41
61/ 59	1.2	7.5	2.2	.6	.2													44	44	48	43
58/ 57	.8	5.5	1.6															40	40	29	33
56/ 55	.2	3.7	1.8	.6														32	32	42	31
54/ 53	1.2	0.1	1.2		.2													34	34	32	43
52/ 51	.2	2.5	2.4	.4	.2													33	33	26	26
51/ 49	.2	2.2	1.3	.6	.3													26	26	33	24
48/ 47	.2	2.9	.8		.2													19	19	23	24
46/ 45	.6	2.8	1.	.4														25	25	29	33
44/ 43	.8	2.3	1.7	.4														19	19	24	20
42/ 41	.4	3.3	.4		.2													22	22	18	22
40/ 39	.6	1.	.2	.4														11	11	24	14
38/ 37		.2	1.2	.4	.2													13	13	8	21
36/ 35		1.0	.2															7	7	7	9
34/ 33		.4		.2														3	3	14	9
32/ 31																				3	10
30/ 29																					2
28/ 27																					4
26/ 25																					2
24/ 23																					2
22/ 21																					1
20/ 19																					1
18/ 15																					510
TOTAL	0.062	721.2	5.5	2.7														510	510	510	510

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	Total
Rel. Hum..	394.479	44513	87.515	.431	51							84
Dry Bulb	1620625	23449	55.8	9.263	51			11.4	.2			84
Wet Bulb	152.432	274.4	53.8	9.594	51		.8	6.9				84
Dew Point	1436.44	26516	52.215	.205	51		4.6	5.6				84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/11AC

PSYCHROMETRIC SUMMARY

707945 STATION KENNEDY SPACE CENTER FL 72-04 YEARS FEB MONTH 1960-1100 HOURS (L.S.T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 80																		1	1			
81/ 79																		4	4			
78/ 77				1.6														16	16			
76/ 75				1.4														23	23			
74/ 73				1.4														32	32			
72/ 71				1.4														36	36			
7 / 69				1.4														50	50		2	
68/ 67				1.4														41	41		21	
66/ 65				1.4														51	51		36	
64/ 63				1.4														43	43		19	
62/ 61				1.4														46	46		32	
60/ 59				1.4														36	36		60	
58/ 57				1.4														21	21		45	
56/ 55				1.4														20	20		38	
54/ 53				1.4														16	16		41	
52/ 51				1.4														14	14		21	
50/ 49				1.4														28	28		28	
48/ 47				1.4														12	12		21	
46/ 45				1.4														10	10		24	
44/ 43				1.4														4	4		24	
42/ 41				1.4														5	5		19	
40/ 39				1.4														1	1		16	
38/ 37				1.4																	9	
36/ 35				1.4																	10	
34/ 33				1.4																	8	
32/ 31				1.4																	9	
30/ 29				1.4																	7	
28/ 27				1.4																	5	
26/ 25				1.4																	5	
24/ 23				1.4																	3	
22/ 21				1.4																	1	
20/ 19				1.4																	2	
18/ 17				1.4																		
TOTAL	1.8	18.4	21.2	23.7	16.7	8.8	5.9	2.3	.6	.3	.2							510	510	510	510	

Element (X)	Zx'	Zx	X	e _a	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2628548	36124	71.8	16.144	510	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2186167	32313	63.4	8.736	510			33.4	12.5	.2		84
Wet Bulb	1743654	29474	57.8	8.897	510			13.8				84
Dew Point	1504562	27082	53.1	1.335	510		5.3	9.7				84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

STATION
74794E

STATION NAME
KENNEDY SPACE CENTER FL

YEARS
70-80

MONTH
FEB

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb		
38/ 95																		1	1			
36/ 93																		6	6			
34/ 91																		10	10			
32/ 89																		19	19			
30/ 87																		35	35	1		
28/ 85																		48	48	1		
26/ 83																		59	59	7		
24/ 81																		40	40	25		
22/ 79																		37	37	18		
20/ 77																		51	51	33		
18/ 75																		40	40	35		
16/ 73																		40	40	50		
14/ 71																		32	32	59		
12/ 69																		29	29	58		
10/ 67																		20	20	36		
8/ 65																		17	17	30		
6/ 63																		13	13	35		
4/ 61																		19	19	38		
2/ 59																		13	13	25		
38/ 95																		6	6	18		
36/ 93																		1	1	23		
34/ 91																		1	1	31		
32/ 89																		1	1	23		
30/ 87																		1	1	18		
28/ 85																		1	1	25		
26/ 83																		1	1	28		
24/ 81																		1	1	20		
22/ 79																		1	1	15		
20/ 77																		1	1	13		
18/ 75																		1	1	7		
16/ 73																		1	1	9		
14/ 71																		1	1	4		
12/ 69																		1	1	19		
10/ 67																		1	1	7		
8/ 65																		1	1	9		
6/ 63																		1	1	4		
4/ 61																		1	1	19		
2/ 59																		1	1	7		
38/ 95																		1	1	9		
36/ 93																		1	1	4		
34/ 91																		1	1	19		
32/ 89																		1	1	7		
30/ 87																		1	1	9		
28/ 85																		1	1	4		
26/ 83																		1	1	19		
24/ 81																		1	1	7		
22/ 79																		1	1	9		
20/ 77																		1	1	4		
18/ 75																		1	1	19		
16/ 73																		1	1	7		
14/ 71																		1	1	9		
12/ 69																		1	1	4		
10/ 67																		1	1	19		
8/ 65																		1	1	7		
6/ 63																		1	1	9		
4/ 61																		1	1	4		
2/ 59																		1	1	19		
38/ 95																		1	1	7		
36/ 93																		1	1	9		
34/ 91																		1	1	4		
32/ 89																		1	1	19		
30/ 87																		1	1	7		
28/ 85																		1	1	9		
26/ 83																		1	1	4		
24/ 81																		1	1	19		
22/ 79																		1	1	7		
20/ 77																		1	1	9		
18/ 75																		1	1	4		
16/ 73																		1	1	19		
14/ 71																		1	1	7		
12/ 69																		1	1	9		
10/ 67																		1	1	4		
8/ 65																		1	1	19		
6/ 63																		1	1	7		
4/ 61																		1	1	9		
2/ 59																		1	1	4		
38/ 95																		1	1	19		
36/ 93																		1	1	7		
34/ 91																		1	1	9		
32/ 89																		1	1	4		
30/ 87																		1	1	19		
28/ 85																		1	1	7		
26/ 83																		1	1	9		
24/ 81																		1	1	4		
22/ 79																		1	1	19		
20/ 77																		1	1	7		
18/ 75																		1	1	9		
16/ 73																		1	1	4		
14/ 71																						

USAFETAC
FORM 0-26-5 (OL A)
JUL 64

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 17	4	7.6	9.2	5.5	21.8	31.8	2.2	8.7	2.9	2.2	1.2	4						510	510		2
TOTAL																					510

PSYCHROMETRIC SUMMARY

STATION 707945 KEENEY CPACC CENTER FL 79-84 YEARS MONTH FEB
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		Wet Bulb	Dew Point						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb									
4/ 63																		1	1									
32/ 61																		6	6									
30/ 79																		21	21									
78/ 77																		25	25									
76/ 75																		38	38									
74/ 73																		51	51	4								
72/ 71																		61	61	23								
70/ 69																		39	39	14								
68/ 67																		49	49	28								
66/ 65																		46	46	29								
64/ 63																		35	35	42								
62/ 61																		31	31	32								
60/ 59																		20	20	39								
58/ 57																		24	24	33								
56/ 55																		23	23	29								
54/ 53																		20	20	32								
52/ 51																		11	11	25								
50/ 49																		11	11	27								
48/ 47																		3	3	34								
46/ 45																		1	1	20								
44/ 43																		2	2	20								
42/ 41																				17								
40/ 39																				15								
38/ 37																				15								
36/ 35																				15								
34/ 33																				11								
32/ 31																				9								
30/ 29																				8								
28/ 27																				5								
26/ 25																				4								
24/ 23																				2								
22/ 21																				1								
20/ 19																				2								
Element (X)	Σ X																Σ X		Σ X		Mean No. of Hours with Temperature							
Rel. Hum.																					≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

U.S. GOVERNMENT PRINTING OFFICE: 1963-664-012/1019

FORM 0-26.5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

70-152

KENNEDY SPACE CENTER FL

STATION
346211

PAGE 2

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 79-84 YEARS MONTH FEB
STATION NAME
PAGE 1 1800-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb					
76/ 77																		1	1					
76/ 75				.5														5	5					
74/ 73			2.4															14	14	3	2			
72/ 71		1.0	2.6	.8														27	27	24	7			
70/ 69		2.8	3.1	1.0	.8													37	37	24	26			
68/ 67		3.0	3.1	1.0	1.0													57	57	24	26			
66/ 65		5.2	3.3	2.0	.8													66	66	42	21			
64/ 63		7.3	1.4	2.6	.8													41	41	52	44			
62/ 61		8.5	3.1	1.4	1.4													53	53	49	41			
60/ 59		2.2	2.3	1.6	.6													45	45	54	49			
58/ 57		2.9	1.0	1.0	.8													27	27	50	41			
56/ 55		.8	2.2	1.4	1.0													35	35	43	33			
54/ 53		.4	1.1	1.2	.8													17	17	27	45			
52/ 51		.6	1.6	1.2	.6													19	19	24	27			
50/ 49		.8	1.6	1.4	.4													21	21	25	21			
48/ 47		.8	.8	1.4	.4													17	17	18	25			
46/ 45		.1	1.0	1.2	.8													13	13	23	27			
44/ 43		.4	.2	.8														8	8	15	10			
42/ 41				.6														3	3	17	13			
40/ 39		.2	.2															2	2	8	17			
38/ 37																				7	22			
36/ 35																				3	8			
34/ 33																					8			
32/ 31																					12			
30/ 29																					1			
28/ 27																					5			
24/ 23																					1			
20/ 19																					1			
16/ 15		.62	.034	.125	.7	.03	4.7	1.4	.7	.6											1			
TOTAL																		508	508	508	508			

Element (X)	ΣX ²	ΣX	X	ΣA	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3147716	3972	76.2	13.793	519							
Dry Bulb	1832617	3185	61.2	7.781	508				3.3			64
Wet Bulb	1682124	1832	57.9	8.232	508				8.4			84
Dew Point	1496928	2771	53.3	11.352	518				5.8			84

Element (X)	Σ X ²	Σ X	X̄	S _x ²	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	3147718	3972	76.2	13.793	519							
Dry Bulb	1532617	5185	61.2	7.781	508			23.3	3.3			84
Wet Bulb	1682124	1832	57.3	8.232	508			8.4				84
Dew Point	1486925	2771	53.3	11.352	519		3.5	5.8				84

PSYCHROMETRIC SUMMARY

FEB	MONTH	ALL	HOURS (L.S.T.)
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

747045
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-87

YEARS

MAR
MONTH

PAGE 3

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
																		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
76/ 75																		1	1			
74/ 73																		5	5			
72/ 71																		26	26	5	6	
70/ 69	1.1	5.4	3.7															47	47	32	16	
68/ 67	1.9	6.2	3.0	.0														59	59	49	41	
66/ 65	1.1	7.1	2.2	.0	.9													56	56	49	47	
64/ 63	.4	3.4	.0	.9	.4													28	28	53	48	
62/ 61	.0	5.6	1.3	1.7														41	41	25	40	
60/ 59	.0	4.5	2.3	1.7	.9													45	45	34	29	
58/ 57	.0	2.8	.0	.2														20	20	49	30	
56/ 55		1.4	1.7	1.3														31	31	19	29	
54/ 53		2.2	2.6	.0	.0													32	32	30	29	
52/ 51		3.4	1.2	.0	.0													23	23	28	28	
50/ 49		2.9	1.7															17	17	34	22	
48/ 47		1.8		.6	.6													16	16	18	32	
46/ 45		.6	.4	.0														7	7	18	19	
44/ 43		.0	.0															4	4	5	17	
42/ 41		.0	.0															1	1	5	7	
40/ 39		.0	.0															3	3	5	6	
38/ 37																						
36/ 35																						
34/ 33																						
32/ 31																						
30/ 29																						
28/ 27																						
26/ 25																						
24/ 23																						
TOTAL	6.1	54.8	28.8	9.1	2.4	.4	.4	.4										465	465	465	465	

Element (X)	ΣX ²		ΣX		X		ΣX		X		ΣX		X		ΣX		X		ΣX		X		ΣX	
	Rel. Hum.	3468130	39888	85.8	11.12	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465
Dry Bulb	1754798	12332	60.9	7.845	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465
Wet Bulb	1620803	27187	58.5	8.209	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465
Dew Point	1528383	26358	56.6	9.282	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747045 STATION KEENEY SPACE CENTER FL 79-87 YEARS PAGE 1 0300-0500 HOURS (L.S.T.) MAR MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
74/ 73		1.1	.4															7	7	7	5		
73/ 71		1.1	.2															6	6	6	4		
71/ 69	.4	6.9	1.7	.6														45	45	23	15		
68/ 67	.9	6.9	3.7															53	53	39	41		
66/ 65	.9	9.5	1.9	.4	.2													60	60	45	30		
64/ 63	1.3	4.1	1.5	.6	.4													37	37	67	59		
62/ 61	.4	3.1	1.1	.9	.4													25	25	25	37		
61/ 59		5.8	1.3	.5	.4													38	38	27	25		
58/ 57	.4	8.6	.4	.2														45	45	42	31		
56/ 55	.4	3.4	1.1	.4	.6													28	28	46	38		
54/ 53	.4	3.2	.9	.4	.2	.2	.2											26	26	20	33		
52/ 51		4.5	1.7	.2		.2												29	29	27	32		
50/ 49		2.6	1.9	.2														22	22	24	22		
48/ 47		1.9	.3		.2													13	13	28	17		
46/ 45	.2	1.9	.6	.2														14	14	14	25		
44/ 43	.2	.6	.4															3	3	3	13		
42/ 41	.2	.6	.2															5	5	3	12		
40/ 39	.1	1.1																6	6	13	9		
38/ 37																				4	6		
36/ 35																					7		
34/ 31		.8																3	3	3	2		
31/ 29																					5		
28/ 27																					1		
TOTAL	5.6	67.1	19.4	4.9	2.2	.4	.2											465	465	465	465		

Element (X)	Σ X ²	Σ X	X̄	S _x ²	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F		
Rel. Hum.	38622.7	417.9	88.2	9.726	465								
Dry Bulb	1688.5	27762	59.7	8.96	465		.6	22.2	1.4				93
Wet Bulb	15778.9	268.7	57.6	8.359	465		.6	13.2					93
Dew Point	13059.3	261.1	56.2	9.253	465		1.6	12.2					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL 79-83 YEARS MONTH MAR

PAGE 1 0600-0800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75																		1	1		
74/ 73		.0	.0															5	5		
72/ 71		.2	.4	.6	.8													17	17	7	5
70/ 69	.0	5.4	2.8	.9	.3													45	45	20	15
68/ 67	.4	6.5	3.4	.9	.0													53	53	37	29
66/ 65	1.3	6.5	.9	.4	.0													46	46	53	46
64/ 63	2.2	4.8	.6	.6	.4													39	39	56	54
62/ 61	3.7	3.9	1.7	1.1	.4													41	41	32	41
60/ 59	5.2	5.6	1.7	.4	.4	.2												40	40	35	21
58/ 57	1.3	6.2	.6	.4	.3	.4												42	42	41	41
56/ 55	1.1	4.7	.6	.3	.2	.2												32	32	50	43
54/ 53	.4	2.2	1.5	.4	.4	.2												21	21	24	33
52/ 51	.4	2.6	1.3	.4	.2	.2												23	23	20	26
50/ 49		1.3	.4	.2	.2	.1												10	10	20	21
48/ 47	.2	2.2	1.3	.4	.3	.1												18	18	20	20
46/ 45	.4	1.1	.6	.4	.2	.1												12	12	15	16
44/ 43		1.1	.4	.2	.2	.1												7	7	11	10
42/ 41		.2	.6	.2	.2	.1												5	5	9	12
40/ 39		.9	.2															5	5	6	13
38/ 37																					4
36/ 35																					6
34/ 33																					2
32/ 31	.2	.2																2	2	1	7
30/ 29		.2																1	1	1	1
28/ 27																				1	
26/ 25																					1
TOTAL	10.3	57.8	27.6	6.7	3.1	.8												465	465	465	465

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Rel. Hum.	36324.1	4.8	87.7	10.2	465																	
Dry Bulb	1709339	27941	60.1	8.5	465																	
Wet Bulb	1592361	26938	57.9	8.2	465																	
Dew Point	1515702	26198	56.3	9.1	465																	

Mean No. of Hours with Temperature

No. Obs.

%

X

ΣX

ΣX²

Element (X)

Rel. Hum.	36324.1	4.8	87.7	10.2	23	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465
Dry Bulb	1709339	2794.1	67.1	8.1	96	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465
Wet Bulb	1592367	26938	57.9	8.2	83	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465
Dew Point	1515732	26196	56.3	9.1	96	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL

79-83

STATION NAME

YEARS

MAR
MONTH

PAGE 1 0900-1100
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 82																		1	1		
87/ 85																		8	8		
97/ 79																		10	10		
78/ 77																		28	28		
76/ 75																		43	43	3	1
74/ 73																		58	58	9	3
72/ 71																		57	57	28	4
70/ 69																		52	52	46	22
68/ 67																		37	37	46	31
66/ 65																		49	49	45	47
64/ 63																		43	43	46	35
62/ 61																		18	18	46	37
60/ 59																		24	24	56	37
58/ 57																		11	11	33	40
56/ 55																		9	9	34	29
54/ 53																		5	5	23	41
52/ 51																		2	2	15	33
50/ 49																		2	2	11	20
48/ 47																		2	2	7	13
46/ 45																		2	2	6	17
44/ 43																		1	1	4	9
42/ 41																				2	12
40/ 39																		1	1	1	9
38/ 37																				1	8
36/ 35																		2	2		3
34/ 33																				2	6
32/ 31																				1	1
30/ 29																					4
28/ 27																					1
26/ 25																					2
24/ 19																					465
TOTAL																		465		465	465

Element (X)	ΣX ²	ΣX				X	%	No. Obs.	Mean No. of Hours with Temperature							Total		
									≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Ref. Hum..	2155308			31962	66.6	14.218		465										
Dry Bulb	2201810			31218	68.4	7.287		465				58.8	29.6	2.2				93
Wet Bulb	1723321			28589	61.5	7.439		465			6	26.4	2.4					93
Dew Point	2520822			26214	56.4	9.762		465			2.8	12.2	8					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER, FL STATION NAME 79-82 YEARS MAR MONTH 1200-1400 HOURS (L.S.T.)
PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
89/ 89																		1	1					
88/ 87											.9							7	7					
86/ 85											.4							9	9					
84/ 83											.4							12	12					
82/ 81											.4							18	18					
80/ 79											.4							35	35					
78/ 77											.4							58	58	1				
76/ 75											.4							60	60	1				
74/ 73											.4							47	47	19				
72/ 71											.4							41	41	44				
70/ 69											.4							46	46	44				
68/ 67											.4							30	30	43				
66/ 65											.4							33	33	51				
64/ 63											.4							32	32	56				
62/ 61											.4							16	16	47				
60/ 59											.4							6	6	32				
58/ 57											.4							4	4	37				
56/ 55											.4							2	2	32				
54/ 53											.4							2	2	21				
52/ 51											.4							2	2	13				
50/ 49											.4							1	1	7				
48/ 47											.4							1	1	5				
46/ 45											.4							1	1	6				
44/ 43											.4							1	1	2				
42/ 41											.4							2	2	12				
40/ 39											.4							2	2	10				
38/ 37											.4									7				
36/ 35											.4									4				
34/ 33											.4									5				
32/ 31											.4									2				
30/ 29											.4									1				
28/ 27											.4									2				
26/ 25											.4									3				
24/ 23											.4									1				
Element (X)																								
Rel. Hum..																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

Mean No. of Hours with Temperature

No. Obs.

°

X

Z X

Z X

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

Total

± 80 F

± 73 F

± 67 F

± 93 F

Total

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
5767945

KENNEDY SPACE CENTER FL STATION NAME

79-83

YEARSMAR
MONTH

PAGE 2.

1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 79-82 YEARS MAR MONTH
PAGE 1 1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		TOTAL																							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																							
89																			1	1																								
88																		3	3																									
87																		4	4																									
86																		7	7																									
85																		15	15																									
84																		37	37																									
83																		52	52																									
82																		53	53																									
81																		58	58																									
80																		50	50																									
79																		42	42																									
78																		36	36																									
77																		46	46																									
76																		30	30																									
75																		10	10																									
74																		7	7																									
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1																																												
0																																												
Element (X)																					Mean No. of Hours with Temperature																							
Rel. Hum.																					≥ 0 F				≥ 32 F				≥ 67 F				≥ 80 F				≥ 93 F				Total			
Dry Bulb																																												
Wet Bulb																																												
Dew Point																																												

USAFETAC FORM 0-26-5 (OL A)

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

W
G
A
A

1510-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL
STATION NAME

79-83

HAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B. Dry Bulb	Wet Bulb	Dew Point	
78/ 77				.3	1.1	.6	.2	.2										9	9		
76/ 75			.9	1.9	.4	.6	.2	.2										20	20		
74/ 73		.2	4.2	1.3	.4	.6	.2	.2	.2									35	35	1	
72/ 71		2.4	5.2	1.3	1.5	.6	.2	.2	.2									53	53	17	
71/ 69	.2	2.6	4.3	3.4	1.9	.4	.2	.2	.2									63	63	24	
68/ 67	.4	3.0	4.5	2.4	1.9	.4	.6											62	62	42	
66/ 65		1.8	2.0	2.4	1.9	1.3	.6											52	52	47	
64/ 63		.9	2.4	1.7	2.2	.6	.2	.2										43	43	58	
62/ 61		.4	2.6	1.5	1.5	.2	.6											32	32	33	
61/ 59		.6	2.2	3.2	1.5	1.3	.2											41	41	33	
58/ 57		.4	1.3	1.7	.6	.2	.2											21	21	42	
56/ 55		.4	.4	1.5	.4													13	13	34	
54/ 53			1.7	.6														11	11	34	
52/ 51			.2	.2	.2													2	2	18	
50/ 49					.4													2	2	25	
48/ 47																				7	
46/ 45				.2														1	1	23	
44/ 43					.2															11	
42/ 41			.4															2	2	8	
40/ 39				.2														1	1	7	
38/ 37				.2														1	1	5	
36/ 35			.2															1	1	3	
34/ 33			.2															1	1	1	
32/ 31																				1	
30/ 29																				2	
28/ 25																				1	
24/ 23																				1	
20/ 19																				1	
TOTAL	.6	14.8	32.9	24.7	15.7	6.7	3.2	.9	.4									465	465	465	

Element (X)	2X'	2X	X	X'	No. Obs.	Mean No. of Hours with Temperature						Total	
Rel. Hum..	26.17927	34285	73.713	.75	465	≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	273637	30015	65.8	6.672	465			48.4	12.8			93	
Wet Bulb	1738189	38334	67.7	7.172	465		.4	23.0	.2			93	
Dew Point	2543324	26454	56.9	9.91	465		1.2	13.6				93	

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							TOTAL	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total
Rel. Hum.	2637922	34285	73.7	3.75	465									
Dry Bulb	203637	30615	65.8	6.672	465			48.4	12.8					93
Wet Bulb	1738184	33334	67.7	7.172	465		.4	23.0	.2					93
Dew Point	2543324	26454	56.9	9.91	465		1.2	13.6						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 75-83 YEARS MAR MONTH
2100-2300 HOURS (L.S.T.)

PAGE 3

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	0.8/W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 77				.0	.0													1	1		
76/ 75			.0	.0	.0													5	5		
74/ 75		.0	.0	.0	.0													16	16	1	2
72/ 74		.0	.0	.0	.0													36	36	10	
71/ 69	.0	.0	.0	.0	.0													46	46	46	25
68/ 67	.0	.0	.0	.0	.0													69	69	36	44
66/ 65	.0	.0	.0	.0	.0													45	45	56	48
64/ 63	.0	.0	.0	.0	.0													47	47	46	39
62/ 62	.0	.0	.0	.0	.0													31	31	41	39
60/ 59	.0	.0	.0	.0	.0													41	41	37	37
58/ 57	.0	.0	.0	.0	.0													31	31	35	25
56/ 55	.0	.0	.0	.0	.0													28	28	33	34
54/ 53	.0	.0	.0	.0	.0													27	27	34	29
52/ 51	.0	.0	.0	.0	.0													19	19	17	32
51/ 49	.0	.0	.0	.0	.0													8	8	36	18
48/ 47	.0	.0	.0	.0	.0													6	6	13	22
46/ 45																		2	2	11	21
44/ 43																		1	1	3	13
42/ 41																				4	11
40/ 39																		2	2		5
38/ 37																		1	1	3	7
36/ 35																					1
34/ 33																		1	1		
32/ 31																		2	2		
30/ 29																				1	1
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
20/ 19																					
TOTAL	1.135	942.2	215.1	5.2	.6													465	465	465	465

Element (X)	Σ X ²	Σ X	X	X ²	No. Obs.	Mean No. of Hours with Temperature							Total
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum..	3166353	38780	81.0	6561.0	465								
Dry Bulb	125287	29131	62.6	7385	465		4	54.6	4.4			93	
Wet Bulb	1671282	37636	59.4	7887	465		5	18.6	.2			93	
Dew Point	1548686	26094	57.0	9181	465		1.2	14.2				93	

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

797945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

79-83

YEARS

MAR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		HOURS (L, S, T.)
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	
6 / 83																		2	2		
86 / 87																		10	10		
88 / 89																		13	13		
94 / 93																		20	20		
95 / 84																		41	41		
96 / 79																		82	82		
73 / 77																		148	148	1	
74 / 75																		183	183	5	2
74 / 73																		231	231	46	7
77 / 71																		286	286	159	33
77 / 69																		386	386	296	151
68 / 67																		399	399	351	285
66 / 65																		387	387	394	369
64 / 63																		299	299	441	370
62 / 61																		214	214	299	289
61 / 59																		242	242	304	251
57 / 57																		173	173	304	255
56 / 55																		147	147	284	275
54 / 53																		127	127	214	255
52 / 51																		100	100	148	242
50 / 49																		60	60	164	189
48 / 47																		58	58	102	177
46 / 45																		40	40	72	156
44 / 43																		21	21	41	100
42 / 41																		12	12	25	86
41 / 39																		20	20	24	68
38 / 37																		3	3	20	47
36 / 35																		1	1	6	30
34 / 33																		5	5	2	15
32 / 31																		9	9	6	25
31 / 29																		1	1	8	15
28 / 27																				4	11
26 / 25																					8
24 / 23																					1
Element (X)	Σ X																Σ X'		Mean No. of Hours with Temperature		Total
Rel. Hum.																	≤ 0 F		≥ 80 F		
Dry Bulb																	≤ 32 F		≥ 73 F		
Wet Bulb																	≥ 67 F				
Dew Point																					

PSYCHROMETRIC SUMMARY

MAR
MONTH

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL 75-83 MONTH APR
PAGE 1 0000-0200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	0.8/W.B.	Dry Bulb	Wet Bulb		
76/ 75		4	7	11	16	21	26	31	36	41	46	51	56	61	66	71	76	7	7	4		
74/ 73		2	2	4	7	11	16	21	26	31	36	41	46	51	56	61	66	28	78	32		
72/ 71	4	7	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	96	96	73		
70/ 69	6	9	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	77	77	68		
68/ 67	8	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86	54	54	70		
66/ 65	10	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	30	30	67		
64/ 63	12	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	37	37	46		
62/ 61	14	17	22	27	32	37	42	47	52	57	62	67	72	77	82	87	92	59	59	51		
60/ 59	16	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	94	35	35	43		
58/ 57	18	21	26	31	36	41	46	51	56	61	66	71	76	81	86	91	96	22	22	38		
56/ 55	20	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98	9	9	21		
54/ 53	22	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	6	6	28		
52/ 51	24	27	32	37	42	47	52	57	62	67	72	77	82	87	92	97	102	3	3	6		
50/ 49	26	29	34	39	44	49	54	59	64	69	74	79	84	89	94	99	104	1	1	10		
48/ 47	28	31	36	41	46	51	56	61	66	71	76	81	86	91	96	101	106			8		
46/ 45	30	33	38	43	48	53	58	63	68	73	78	83	88	93	98	103	108			1		
44/ 43	32	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110			3		
42/ 41	34	37	42	47	52	57	62	67	72	77	82	87	92	97	102	107	112	540	540	540		
TOTAL	4.35	23.8	37.8	51.8	65.8	79.8	93.8	107.8	121.8	135.8	149.8	163.8	177.8	191.8	205.8	219.8	233.8	540	540	540		

Mean No. of Hours with Temperature

Element (X)	Zx ²	Zx	X	%	No. Obs.	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum...	46308	46308	85.0	9.794	540					
Dry Bulb	2339359	35411	65.6	5.657	540	47.7	5.8			90
Wet Bulb	2055333	33967	62.9	5.905	540	29.5	.7			90
Dew Point	2042797	33015	61.1	6.714	540	24.0				90

GLOBAL CLIMATE LOG SEARCH
USAFETAC
AIR WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

STATION 711045 KENNEDY SPACE CENTER FL 70-27 YEARS APR MONTH

PAGE 1 0300-1500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.5	.2															4	4	3	1
74/ 73		.5	.5															8	8		
72/ 71	.6	1.2	2.2	.0														53	53	21	9
70/ 69	1.3	0.4	3.0	.0	.7													83	83	54	54
68/ 67	0.1	0.8	4.4	1.3														90	90	78	63
66/ 65	.9	6.7	2.0	.6														55	55	62	58
64/ 63	.4	5.4	1.7	.3														43	43	69	58
62/ 61	.2	4.1	1.0	.7	.2													38	38	43	49
60/ 59	1.0	7.5	2.0	.2	.4													41	41	49	53
58/ 57	.7	8.0	1.0	.5														60	60	39	53
56/ 55	.4	4.0	1.7	.3														37	37	51	26
54/ 53	.0	0.0	.7	.0														17	17	35	44
52/ 51	.4	1.1																8	8	24	34
50/ 49		.4	.0															3	3	9	18
48/ 47																				3	8
46/ 45																					9
44/ 43																					3
TOTAL	7.2	67.8	52.4	5.7	0.5	.4												54.0	54.0	54.0	54.0

Element (X)	Σ X'	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature							TOTAL	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.	4295442	47954	88.8	8.28%	540									
Dry Bulb	2235423	3463	64.1	5.79%	540			39.7	2.0					90
Wet Bulb	219573	33487	62.0	5.64%	540			26.0	0.5					90
Dew Point	2012801	32791	60.7	6.53%	540			21.2	0.2					90

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM 66

GLOBAL CLIMATOLOGY STATION
USAFETAC
AID WEATHER SERVICE/140

PSYCHROMETRIC SUMMARY

747945

KENNEDY SPACE CENTER FL

70-87

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb Dew Point
78/ 77																		4	4
76/ 75																		24	24
74/ 73																		36	36
72/ 71																		73	73
70/ 69																		90	90
68/ 67																		70	70
66/ 65																		52	52
64/ 63																		44	44
62/ 61																		42	42
60/ 59																		38	38
58/ 57																		25	25
56/ 55																		23	23
54/ 53																		12	12
52/ 51																		5	5
50/ 49																		2	2
48/ 47																			
46/ 45																			
44/ 43																			
42/ 41																			
TOTAL	F. 548.925.71	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	540	540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 75-27 YEARS APR MONTH 0900-1100 HOURS (L.S.T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
88/ 87																		2	2			
86/ 85																		3	3			
84/ 83																		8	8			
82/ 81																		36	36			
80/ 79																		83	83			
78/ 77																		85	85			
76/ 75																		111	111	2	3	
74/ 73																		71	71	37		
72/ 71																		51	51	67	17	
70/ 69																		31	31	98	39	
68/ 67																		17	17	100	63	
66/ 65																		22	22	75	68	
64/ 63																		10	10	45	80	
62/ 61																		6	6	32	57	
60/ 59																		3	3	26	48	
58/ 57																		1	1	30	36	
56/ 55																				18	22	
54/ 53																				6	27	
52/ 51																				4	21	
50/ 49																					23	
48/ 47																					13	
46/ 45																					8	
44/ 43																					8	
42/ 41																					3	
40/ 39																					1	
38/ 37																					1	
36/ 35																					1	
34/ 33																					1	
TOTAL	2	3	7	4	2	3	2	3	2	3	2	3	2	3	2	3	2	540	540	540	540	

Element (X)	ZX'	ZX	X	X'	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	22	1355	33915	62.6	12.672	540	≥ 73 F	≥ 67 F	≥ 32 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	3	41750	94443	74.9	4.974	540	66.5	82.0		14.3		90	
Wet Bulb	3385500	35748	66.3	5.753	540	6.5	50.7					90	
Dew Point	325600	72150	65.0	7.113	540	5	20.3					90	

USAFETAC FORM 0-26-5 (OL A)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/6AC

PSYCHROMETRIC SUMMARY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-82

YEARS

APR
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb			
87/ 89																		4	4				
88/ 87								.6										18	18				
86/ 85								1.7	1.0									26	26				
80/ 83								2.2	2.4	2.3								54	54				
82/ 81								4.4	3.7	3.1								85	85				
81/ 79								4.6	6.5	2.0								95	95				
78/ 77								2.2	3.9	2.2								72	72	1			
76/ 75								2.2	3.6	3.0								56	56	16			
74/ 73								3.5	7	1.5								41	41	57			
72/ 71								1.5	7	1.7								34	34	64			
70/ 69								6	1.1	6								21	21	105			
68/ 67								6	7	4								18	18	92			
66/ 65								2	6	7								13	13	53			
64/ 63								4	7	4								3	3	38			
62/ 61																				36			
61/ 59																				30			
58/ 57																				29			
56/ 55																				14			
54/ 53																				3			
52/ 51																				2			
50/ 49																				32			
48/ 47																				8			
46/ 45																				16			
44/ 43																				15			
42/ 41																				4			
40/ 39																				2			
38/ 37																				1			
36/ 35																				1			
34/ 33																				1			
TOTAL																		540	540	540			

Element (X)	Zx ¹	Zx	X	X ²	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Hum.	1732.92	29796	55.212	776	540	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb	330547	42121	78.1	5.281	540	87.3	75.2	40.1				90
Wet Bulb	2733521	36142	66.9	5.172	540	55.8	12.3					90
Dew Point	1976424	32413	60.0	7.611	540	17.7	.8					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 73-87 YEARS APR MONTH

PAGE 1 1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
9 / 89																		1	1			
38 / 87																		3	3			
86 / 85																		17	17			
84 / 83																		39	39			
82 / 81																		74	74			
80 / 79																		78	78			
78 / 77																		91	91	1		
76 / 75																		78	78	7		
74 / 73																		61	61	46	4	
72 / 71																		37	37	68	17	
70 / 69																		27	27	108	44	
68 / 67																		21	21	90	45	
66 / 65																		9	9	69	70	
64 / 63																		4	4	45	69	
62 / 61																				38	59	
60 / 59																				26	53	
58 / 57																				27	36	
56 / 55																				11	38	
54 / 53																				1	21	
52 / 51																				3	23	
50 / 49																					19	
48 / 47																					14	
46 / 45																					10	
44 / 43																					11	
42 / 41																					4	
40 / 39																					1	
38 / 37																					1	
36 / 35																					1	
34 / 33																					540	
32 / 31																						
TOTAL	0.2	0.1	2.1	10.4	15.6	22.0	30.0	31.3	7.8	3.2	1.5	0.4						540	540	540		

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum..	1943952	31521	58.4	3.899	500								
Dry Bulb	32033.5	41517	76.9	4.088	541			87.8	73.7	29.2			90
Wet Bulb	24210.7	36184	66.8	4.123	541			53.3	9.0				90
Dew Point	20030.25	32867	60.5	7.316	541		2	18.3	7				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747045 KENNEDY SPACE CENTER FL
STATION NAME

73-87

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 65																		1	1			
64/ 63																		2	2			
62/ 61																		8	8			
60/ 59		.2		.2	.6	1.5	.6	.6	.2									16	16			
58/ 57		.6	.5	1.9	1.3	1.3	.4	.3	.2									37	37	1	1	
56/ 55		1.1	2.1	4.4	2.6	.9	1.3	.3	.2									73	73	2	2	
54/ 53		2.6	5.6	4.1	3.2	2.4	.6	.2										84	84	16	16	
52/ 51		1.9	4.9	4.3	3.2	1.7	.7	.2	.2									103	103	59	20	
50/ 49	.2	.7	2.8	2.3	1.9	.7	.7	.2										82	82	79	47	
48/ 47	.6	1.1	.9	.4	1.7	1.1	.6	.2										50	50	86	57	
46/ 45	.1	.4	.7	.2	.7	.6	.2											32	32	84	80	
44/ 43		.4	.6	.6	.9	.6	.4	.2										26	26	78	71	
42/ 41																		15	15	39	56	
40/ 39																		7	7	34	44	
38/ 37																		3	3	22	45	
TOTAL	.9	8.9	23.7	27.2	13.7	12.2	6.1	1.7	.6									54	54	540	540	
Element (X)	ΣX ²		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX	
Rel. Hum.	25816.5		38841		71.9		12.767		54		54		54		54		54		54		54	
Dry Bulb	3755.51		78485		71.2		4.774		54		54		54		54		54		54		54	
Wet Bulb	2213754		35242		65.3		5.52		54		54		54		54		54		54		54	
Dew Point	2061739		33167		61.4		6.765		54		54		54		54		54		54		54	

PSYCHROMETRIC SUMMARY

APR
MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/CAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 72-87 YEARS MONTH APR

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	0.8/W.B.	Dry Bulb
80/80																		5	5
80/87																		23	23
82/85																		47	47
84/83																		103	103
82/81																		203	203
80/79																		272	272
72/77																		294	294
76/75																		373	373
74/73																		392	392
72/71																		513	513
70/69																		544	544
68/67																		407	407
66/65																		280	280
64/63																		200	200
62/61																		183	183
60/59																		180	180
58/57																		143	143
56/55																		90	90
54/53																		40	40
52/51																		21	21
50/49																		7	7
48/47																			
46/45																			
44/43																			
42/41																			
40/39																			
38/37																			
36/35																			
34/33																			
32/31																			
TOTAL	2.6	26.3	13.9	12.6	11.7	11.9	9.0	5.4	2.3	1.0	.4	.1						4320	4320

Mean No. of Hours with Temperature

Element (X)	ΣX	X	ΣX	No. Obs.	Mean No. of Hours with Temperature	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	Total
Rel. Hum.	2469	2731	3191	69	73.7	17.0	64	4320	4320	4320	4320	4320	4320	4320	4320	4320	4320	4320	720
Dry Bulb	2173	399	9	9	70.6	7.3	63	4320	4320	4320	4320	4320	4320	4320	4320	4320	4320	4320	720
Wet Bulb	1821	3432	2794	18	64.7	5.7	07	4320	4320	4320	4320	4320	4320	4320	4320	4320	4320	4320	720
Dew Point	1025	5217	2632	21	61.3	6.3	36	4320	4320	4320	4320	4320	4320	4320	4320	4320	4320	4320	720

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 74-83 YEARS MONTH MAY

PAGE 1 0000-0200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
75/ 77		0	1.4	2.7	4.0	5.3	6.6	7.9	9.2									18	18	14	6
76/ 78		0.4	1.7	3.0	4.3	5.6	6.9	8.2	9.5									53	53		
77/ 79	0.5	0.4	1.7	3.0	4.3	5.6	6.9	8.2	9.5									112	112	53	32
78/ 80	1.2	0.1	1.4	2.7	4.0	5.3	6.6	7.9	9.2									93	93	86	78
79/ 81	2.0	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1									101	101	115	82
80/ 82	2.8	0.0	1.1	2.4	3.7	5.0	6.3	7.6	8.9									78	78	81	103
81/ 83	3.6	0.0	0.9	2.2	3.5	4.8	6.1	7.4	8.7									47	47	61	68
82/ 84	4.4	0.1	0.6	1.9	3.2	4.5	5.8	7.1	8.4									19	19	59	50
83/ 85	5.2	0.0	0.3	1.6	2.9	4.2	5.5	6.8	8.1									10	10	36	39
84/ 86	6.0	0.0	0.0	1.3	2.6	3.9	5.2	6.5	7.8									14	14	20	30
85/ 87	6.8	0.0	0.0	1.0	2.3	3.6	4.9	6.2	7.5									3	3	17	28
86/ 88	7.6	0.0	0.0	0.7	2.0	3.3	4.6	5.9	7.2									5	5	6	17
87/ 89	8.4	0.0	0.0	0.5	1.8	3.1	4.4	5.7	7.0									4	4	5	12
88/ 90	9.2	0.0	0.0	0.2	1.5	2.8	4.1	5.4	6.7									1	1	3	8
89/ 91	10.0	0.0	0.0	0.0	1.3	2.6	3.9	5.2	6.5									1	1	1	3
90/ 92	10.8	0.0	0.0	0.0	1.0	2.3	3.6	4.9	6.2												
91/ 93	11.6	0.0	0.0	0.0	0.7	2.0	3.3	4.6	5.9												
92/ 94	12.4	0.0	0.0	0.0	0.5	1.8	3.1	4.4	5.7												
93/ 95	13.2	0.0	0.0	0.0	0.2	1.5	2.8	4.1	5.4												
94/ 96	14.0	0.0	0.0	0.0	0.0	1.3	2.6	3.9	5.2												
95/ 97	14.8	0.0	0.0	0.0	0.0	1.0	2.3	3.6	4.9												
96/ 98	15.6	0.0	0.0	0.0	0.0	0.7	2.0	3.3	4.6												
97/ 99	16.4	0.0	0.0	0.0	0.0	0.5	1.8	3.1	4.4												
98/ 100	17.2	0.0	0.0	0.0	0.0	0.2	1.5	2.8	4.1												
99/ 101	18.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6	3.9												
100/ 102	18.8	0.0	0.0	0.0	0.0	0.0	1.0	2.3	3.6												
TOTAL	2.049	523.9	1.6	3.0														558	558	558	558

Mean No. of Hours with Temperature

Element (X)	Σ X ²	Σ X	σ _x	No. Obs.	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6226424	68556	86.7	8.730	558						93
Dry Bulb	2739827	3917	69.9	4.572	558						93
Wet Bulb	284354	3753	67.7	4.117	558						93
Dew Point	2831566	36134	65.8	5.566	558						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/PAO

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 78-57 YEARS MONTH MAY
STATION NAME PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
70/ 77		.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	5	15	5	6	
76/ 75		.2	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	8	24	8	18	
74/ 73	.7	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	11	31	11	28	
72/ 71	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	14	34	14	36	
70/ 59	.7	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	17	37	17	41	
68/ 67	.3	.9	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	20	40	20	45	
66/ 65	.4	1.0	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	23	43	23	48	
64/ 63	.4	1.0	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	26	46	26	51	
62/ 61	.6	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	29	49	29	54	
60/ 59	.6	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	32	52	32	57	
58/ 57		.4	.7															35	55	35	60	
56/ 55		.4	.7															38	58	38	63	
54/ 53		.4																41	61	41	66	
52/ 51																		44	64	44	69	
50/ 49		.5																47	67	47	72	
48/ 47																		50	70	50	75	
46/ 45	4.6	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	53	73	53	78	
TOTAL					1.2	.4												558	558		558	
																</						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83
YEARS

MAY
MONTH

PAGE 1 0600-0800
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 93																		1	1	8	
82/ 84																		31	31	53	6
72/ 77																		77	77	94	36
76/ 75	.5	3.9	3.2	3.4	.5	1.3	.5											94	94	74	18
74/ 73	.4	3.1	4.1	2.3	.4	1.3	.4											86	86	98	57
72/ 71	.7	8.6	4.1	.5	1.1	.2	.2											79	79	97	80
70/ 69	.9	7.2	3.9	1.4	.7													46	46	69	85
68/ 67	.7	4.7	1.8	1.1	.4	.2												36	36	60	68
66/ 65	.5	3.9	.2															17	17	55	47
64/ 63	.4	1.8	.9															13	13	29	35
62/ 61	.4	1.4	.2	.2	.2													7	7	18	41
60/ 59	.5	.4	.2	.2														6	6	6	21
58/ 57		.2																1	1	6	15
56/ 55	.2																	1	1	1	3
54/ 53																					
52/ 51																					
50/ 49	.2																	1	1	2	3
48/ 47	.2																	1	1	1	1
46/ 45																					
TOTAL	4.543	925.2	4.3	7.0	3.6	1.3	.2											558	558	558	558

Mean No. of Hours with Temperature

No. Obs.

°F

°F

°F

°F

°F

°F

°F

°F

°F

Total

93

93

93

93

93

93

93

93

93

93

93

93

93

93

93

93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICES/MAC

PSYCHROMETRIC SUMMARY

747945 STATION

KENNEDY SPACE CENTER FL STATION NAME

7-23

YEARS

MAY MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
89/89																		3	3	
88/87																		11	11	
86/85																		43	43	
84/83																		68	68	
82/81																		101	101	
80/79																		125	125	4
78/77																		93	93	36
76/75																		58	58	61
74/73																		29	29	113
72/71																		16	16	94
70/69																		7	7	87
68/67																		3	3	65
66/65																		1	1	56
64/63																				31
62/61																				8
60/59																				1
58/57																				2
56/55																				10
54/53																				2
52/51																				3
50/49																				2
48/47																				1
46/45																				558
TOTAL																		558	558	558

Mean No. of Hours with Temperature

No. Obs.

Element (X)

	Z X ²	Z X	X	X ²	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2305699	35911	64.4	11.572	558						
Dry Bulb	3537421	44275	79.5	3.921	558						93
Wet Bulb	2806071	39505	7.8	4.068	558						93
Dew Point	2456573	36283	66.1	5.708	558						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 787945 KIMBLEY SPACE CENTER FL STATION NAME YEARS 70-80 MONTH MAY
PAGE 7 1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		Dew Point		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb
94/ 92																		2	2
92/ 90																		3	3
90/ 89																		31	31
88/ 87																		61	61
86/ 85																		68	68
84/ 83																		86	86
82/ 81																		83	83
80/ 79																		103	103
78/ 77																		48	48
76/ 75																		34	34
74/ 73																		19	19
72/ 71																		11	11
70/ 69																		6	6
68/ 67																		1	1
66/ 65																		2	2
64/ 63																			
62/ 61																			
60/ 59																			
58/ 57																			
56/ 55																			
54/ 53																			
52/ 51																			
50/ 49																			
48/ 47																			
46/ 45																			
44/ 43																			
TOTAL	5	7.6	3.6	5.6	5.9	17.4	22.9	16.7	7.3	7.9	2.7	.9	.2	.4				558	558

Mean No. of Hours with Temperature

Element (X)	Zx ²	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2.47727	32.855	59.117	100	558						
Dry Bulb	3739719	456.7	81.7	4.065	558		92.7	89.7	65.2	.3	93
Wet Bulb	2132664	396.9	71.1	4.141	558		78.3	37.5	.3		93
Dew Point	2411426	365.14	65.4	6.232	558		47.3	10.0			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

707945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-87
YEARS

HAY
MONTH

PAGE 1 1800-2000
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
28/ 87																		1	1			
26/ 85																		5	5			
24/ 83																		9	9			
22/ 81																		32	32			
20/ 79																		73	73			
18/ 77																		102	102	4		
16/ 75																		106	106	46	8	
14/ 73																		89	89	82	47	
12/ 71																		67	67	102	75	
10/ 69																		47	47	121	82	
8/ 67																		16	16	67	92	
6/ 65																		7	7	45	71	
4/ 63																		2	2	47	32	
2/ 61																		2	2	28	50	
0/ 59																				9	31	
58/ 57																				4	33	
56/ 55																				3	16	
54/ 53																					7	
52/ 51																					2	
50/ 49																					3	
48/ 47																					1	
46/ 45																					1	
44/ 43																					558	
38/ 37																					558	
TOTAL																		558	558			

Element (X)	Mean No. of Hours with Temperature												No. Obs.		Total	
	2x	x	x	x	x	x	x	x	x	x	x	x	≥ 80 F	≥ 93 F	Total	Total
Rel. Hum.	711.041	41.81	73.61	2.496									558			93
Dry Bulb	2164377	41859	75.2	6.76									558	12.7		93
Wet Bulb	2684874	38634	69.2	4.235									558	22.7		93
Dew Point	2440218	36754	65.9	5.891									558	9.2		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

STATION 707945 KENNEDY SPACE CENTER FL STATION NAME 70-87 YEARS MONTH MAY
PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
57/ 57																		1	1	7						
57/ 79																		7	7							
79/ 77																		56	56	22	4					
76/ 75																		101	101	78	44					
74/ 73																		119	119	90	78					
71/ 71																		80	80							
69/ 69																		85	85	113	86					
68/ 67																		54	54	75	104					
66/ 65																		25	25	53	57					
64/ 63																		9	9	57	35					
62/ 61																		8	8	30	49					
61/ 59																		9	9	16	35					
58/ 57																		3	3	13	25					
56/ 55																		1	1	9	19					
54/ 53																					6					
52/ 51																					1					
57/ 49																					1					
47/ 47																					4					
TOTAL	420.636	322.6	1.4															558	558	558	558					

Mean No. of Hours with Temperature

No. Obs.

°a

ΣX

ΣX²

Element (X)

Total

≥ 93 F

≥ 80 F

≥ 73 F

≥ 67 F

≥ 62 F

≥ 57 F

≥ 52 F

≥ 47 F

≥ 42 F

≥ 37 F

≥ 32 F

≥ 27 F

≥ 22 F

≥ 17 F

≥ 12 F

93

3

47.3

23.8

63.0

52.7

8.0

93

93

93

93

93

93

93

93

93

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/LAC

PSYCHROMETRIC SUMMARY

747945
STATION

KE JESSEY SPACE CENTER FL
STATION NAME

7-87

YEARS

PAGE 1

MAY
MONTH

ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
64/ 93																		2	2			
65/ 94																		6	6			
66/ 95																		47	47			
67/ 96																		107	107			
68/ 97																		159	159			
69/ 98																		239	239			
70/ 99																		319	319			
71/ 100																		442	442	19		
72/ 101																		454	454	119	5	
73/ 102																		490	490	333	92	
74/ 103																		574	574	638	328	
75/ 104																		492	492	755	617	
76/ 105																		440	440	819	635	
77/ 106																		270	270	565	718	
78/ 107																		136	136	440	555	
79/ 108																		89	89	358	358	
80/ 109																		52	52	199	337	
81/ 110																		50	50	91	281	
82/ 111																		20	20	67	212	
83/ 112																		13	13	34	141	
84/ 113																		7	7	12	77	
85/ 114																				8	49	
86/ 115																		5	5	1	26	
87/ 116																		1	1	6	14	
88/ 117																					11	
89/ 118																					6	
90/ 119																					1	
91/ 120																					1	
92/ 121																						
93/ 122																						
94/ 123																						
95/ 124																						
96/ 125																						
97/ 126																						
98/ 127																						
99/ 128																						
100/ 129																						
101/ 130																						
102/ 131																						
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155/ 184																						
156/ 185																						
157/ 186																						
158/ 187																						
159/ 188																						
160/ 189																						
16																						

PSYCHROMETRIC SUMMARY

STATION	747945
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KENNEDY SPACE CENTER FL
STATION NAME

43-2

STATION NAME

YEARS

MONTH
JUN

PAGE 1

0000-0200
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

747945 STATION 747945 SPACE CENTER FL STATION NAME
7-1-57 YEARS
PAGE 1 0300-0500 HOURS (L.S.T.)
JUN MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb		
5 / 77		0.2	1.7			0.2												9	9			
70 / 77		7.4	4.3	0.7														69	69	11	4	
76 / 75	1.3	13.1	4.8	0.9	0.7													140	140	78	51	
74 / 73	0	21.1	2.6	1.8														149	149	162	134	
77 / 74	2	10.7	0.7	0.2														106	106	144	165	
71 / 69	0.5	7.1	0.5	0.2														50	50	92	105	
67 / 67	0.4	1.5	0.2															11	11	37	41	
66 / 65			0.4															2	2	8	23	
64 / 63	0																	1	1	4	10	
62 / 61	0	0.4																3	3	4	5	
57 / 59																					2	
TOTAL	7.0	72.4	4.2	3.9	1.1													540	540	540	540	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL
STATION NAME

72-87

YEARS

JUN
MONTH

PAGE 1 1600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.								
86/ 85						.4												5	5							
84/ 83						.7												13	13							
82/ 81																		58	58							
80/ 79																		98	98		5					
78/ 77																		120	120	63	15					
76/ 75																		101	101	172	110					
74/ 73																		81	81	155	181					
72/ 71																		41	41	84	126					
70/ 69																		16	16	42	58					
68/ 67																		5	5	13	26					
66/ 65																		1	1	3	16					
64/ 63																		1	1	3	6					
62/ 61																					1					
60/ 59																					1					
TOTAL																		540	540	540	540					
	</																									

REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747045 STATION KENNEDY SPACE CENTER FL 74-80 YEARS MONTH JUN

PAGE 1 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 93																		2	2		
67/ 91																		3	3		
68/ 89																		33	33		
69/ 87																		59	59		
70/ 85																		107	107		
71/ 83																		136	136		
72/ 81																		122	122		
73/ 79																		46	46		
74/ 77																		19	19		
75/ 75																		7	7		
76/ 73																		6	6		
77/ 71																					
78/ 69																					
79/ 67																					
80/ 65																					
81/ 63																					
82/ 61																					
TOTAL																		540	540	540	540

Element (X)	Σ X ²	Σ X	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature							Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F			
Rel. Hum.	204.181	374.13	69.3	9.580	540									
Dry Bulb	3776975	45139	83.6	2.273	540			90.0	90.0	82.0	.3		90	
Wet Bulb	3112473	41915	75.8	2.112	540			91.0	83.3	2.0			90	
Dew Point	2328114	39048	72.3	2.905	540			85.2	48.7				90	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/USAC

PSYCHROMETRIC SUMMARY

747945

STATION NAME
KENNEDY SPACE CENTER FL

73-87

YEARS

JUN

MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																			2	2	
96/ 95																			15	15	
94/ 93																			35	35	
92/ 91																			93	93	
90/ 89																			111	111	
88/ 87																			103	103	
86/ 85																			94	94	
84/ 83																			42	42	12
82/ 81																			18	18	70
80/ 79																			13	13	203
78/ 77																			7	7	138
76/ 75																			4	4	82
74/ 73																			1	1	24
72/ 71																					11
70/ 69																					68
68/ 67																					42
66/ 65																					16
64/ 63																					10
62/ 61																					2
60/ 59																					1
TOTAL																		540	540	540	540

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total	
Rel. Hum.	2258135	34475	63.81	1.16	540	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	4052424	46435	86.0	3.923	540	90.0	89.8	84.8	3.2					90
Wet Bulb	3146356	41200	76.3	2.331	540	90.0	84.2	6.2						90
Dew Point	2812739	38936	72.1	3.135	540	85.2	47.0							90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
747945

STATION NAME
KENNEDY SPACE CENTER FL

YEARS
74-82

MONTH
JUN

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 93							1.7	1.1	.4	.6								6	6		
67/ 91							3.0	2.4	.7	.6	.4							20	20		
68/ 89					.4	1.7	4.3	1.1	.6									46	46		
69/ 87						7.4	1.1	.6										83	83		
70/ 85				1.3	3.9	8.0	1.1	.6	.2									102	102		
71/ 83			.6	4.4	7.4	3.2	1.5	.4										94	94		
72/ 81			.9	5.1	3.5	1.5	.2											75	75	5	
73/ 79	.4	.9	7.7	2.3	1.7	.2												57	57	68	3
74/ 77		.4	5.8	1.5														25	25	151	26
75/ 75		1.1	1.3															14	14	160	110
76/ 73		1.7	.2															10	10	96	141
77/ 71		2.3																7	7	43	136
78/ 69		.2																1	1	14	67
79/ 67																				3	34
80/ 65																					17
81/ 63																					8
82/ 61																					4
83/ 59																					7
84/ 57																					1
TOTAL	.6	5.6	2.1	17.6	21.5	13.3	6.0	2.2	1.5	.4								540	540	540	540

Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
	2X ²	2X	X	X ²	No. Obs.	Mean No. of Hours with Temperature	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	≥ 0 F	≥ 32 F
Rel. Hum.	2614717	77045	68.6	11.666	540																	
Dry Bulb	3519744	45294	83.9	4.431	540																	
Wet Bulb	3598775	40384	75.7	2.513	540																	
Dew Point	2816577	38959	72.1	3.289	540																	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945

KENNEDY SPACE CENTER FL

74-83

JUN

YEARS

STATION NAME

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67/ 89						.4	.2	.2										3	3		
68/ 87					.2	1.7	.4											12	12		
69/ 85				.6	1.7	1.5	.4											22	22		
69/ 83			.3	3.7	3.2	1.0	.6											52	52		
67/ 81			3.2	1.6	5.0	1.3	.4											114	114		
70/ 79		1.3	6.5	1.4	3.8	1.0	.4											125	125	12	
78/ 77		4.6	1.1	6.3	1.5	.4												123	123	81	13
76/ 75	.5	5.2	2.4	1.3	.2													57	57	183	85
74/ 73	.6	2.8	.6	.4														23	23	161	166
72/ 71	.4	1.1																8	8	74	147
7 / 69																				22	67
68/ 67																				6	30
66/ 65		.2																1	1		21
64/ 63																				1	6
62/ 61																					5
TOTAL	1.1	15.2	23.1	13.1	15.7	6.1	1.9	.8										540	540		540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL 73-82 YEARS MONTH JUN

PAGE 1 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
94/ 83																		2	2				
85/ 73			2.0	3.0														32	32				
81/ 79		1.0	7.6	3.7														83	83	1			
78/ 77		6.9	14.8	5.2														155	155	35	9		
76/ 75	.7	17.7	13.3	2.0														162	162	150	77		
74/ 73	.6	6.9	3.2	2.6														67	67	183	176		
72/ 71	.9	3.5	1.7															33	33	114	152		
70/ 69		.2	.2															2	2	31	68		
68/ 67		.2																1	1	22	21		
66/ 65		.4																2	2	1	31		
64/ 63			.2															1	1	2	3		
62/ 61																				1	2		
60/ 59																					1		
TOTAL		1.2	32.0	44.0	16.7	3.7												540	540	540	540		

Mean No. of Hours with Temperature

Element (X)	Σ X ²	Σ X	X̄	No. Obs.	Σ F	Σ 0 F	Σ 32 F	Σ 67 F	Σ 73 F	Σ 80 F	Σ 93 F	Total
Rel. Hum.	309.778	46262	85.7	7.142	54.1							
Dry Bulb	31623.5	41259	76.5	2.646	54.0					10.2		90
Wet Bulb	2009843	39619	73.4	2.381	54.0					61.5		90
Dew Point	2796374	38830	71.9	2.795	54.0					43.7		90

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-87

YEARS

JUL
MONTH

PAGE 1 0000-0200
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
64/ 63			.5															3	3			
62/ 61			3.3	1.1	.2													29	29			
60/ 79			17.6	12.7	.8													113	113	7	3	
78/ 77			17.6	9.6														151	151	96	23	
76/ 75			35.1	4.7	.2													170	170	209	184	
74/ 73			1.1	10.8	1.6													64	64	156	222	
72/ 71			.9	1.9	1.2													21	21	66	82	
70/ 69			.7															4	4	15	27	
68/ 67																				6	10	
66/ 65			.4															2	2	1	3	
64/ 63			.2															1	1	1	2	
62/ 61																				1	1	
60/ 59																					1	
TOTAL			5.35	33.3	3.1	.4												558	558		558	

GLOBAL CLIMATE BRANCH
USAFETAC
AIR WEATHER SERVICE/WWC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL 75-87 YEARS MONTH JUL
PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
83/ 81		2.4	5.6															4	55	4	3
78/ 75		4.1	4.5															129	209	49	13
76/ 73		5.3	4.5															209	209	271	171
74/ 72		1.4	2.2															109	109	190	211
72/ 71		4.3	5.5															35	35	80	110
69/ 69		1.8																11	11	23	34
68/ 67		2.2																2	2	7	13
66/ 65																		1	1		1
64/ 63		2.2																1	1	2	1
62/ 61																				1	2
60/ 59		4																2	2	1	1
58/ 57																				1	
56/ 55																					1
TOTAL	5.7	75.8	17.6	.9														558	558	558	558

Mean No. of Hours with Temperature

No. Obs.

°F

X

Z X

Z X²

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

≥ 80 F

≥ 93 F

Total

≥ 73 F

≥ 67 F

≥ 32 F

≥ 0 F

558

558

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 74-83 STATION NAME YEARS

PAGE 1 1678-10800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 85				1.3	2.1													1.9	1.9		
64/ 83			1.3	5.4	4.4													3.6	3.8		
62/ 81		1.1	9.3	5.4	4.4													9.9	9.9	1	
61/ 79		7.2	1.2	1.2	5.5													11.1	11.1	3.8	7
71/ 77	2.1	4.7	4.2	4.4														10.9	10.9	16.6	85
76/ 75	1.3	1.1	2.7	4.4														10.8	10.8	17.3	204
74/ 73	1.3	7.5	4.4															5.1	5.1	11.2	151
72/ 71	1.7	2.7	4.4															2.1	2.1	4.3	70
71/ 69	4.4	4.4																7	7	17	27
68/ 67		4.4																2	2	5	10
66/ 65																		1	1	1	2
62/ 61		2.2																1	1	1	1
50/ 55		2.2																			
54/ 57																					
TOTAL	2.0	49.9	23.7	14.2	3.2	4.4												55.3	55.8	55.8	558

PSYCHROMETRIC SUMMARY

STATION	STATION
570202	

STATION NAME
KENNEDY SPACE CENTER FL

7-8-81

YEARS

JUL
MONTH

PAGE 1

5011-0060
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 74-07
PAGE 1 1200-1400 JUL MONTH
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97									1.7									1	1			
96/ 95									1.7									15	15			
94/ 93									1.9									41	41			
92/ 91									1.4									90	90			
90/ 89									3.2									135	135			
88/ 87									3.5									135	135			
86/ 85									1.8									73	73	1	1	
84/ 83									1.8									20	20	5	5	
82/ 81									1.7									14	14	41	41	
80/ 79									1.7									9	9	208	208	
78/ 77									1.4									11	11	205	205	
76/ 75									1.5									8	8	60	60	
74/ 73									1.7									5	5	23	23	
72/ 71									1.2									1	1	13	13	
70/ 69																				2	2	
68/ 67																					30	30
66/ 65																					10	10
64/ 63																					3	3
62/ 61																					2	2
TOTAL		2.5	5.1	3.1	17.3	26.6	26.7	2.0	5.7	2.0								558	558	558	558	

Element (X)	Σ X ²	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature						TOTAL	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93 F	Total
Rel. Hum.	2224992	353.4	63.3	9.632	558								
Dry Bulb	4342335	49175	88.1	0.92	558			93.8	92.8	88.3	9.5	93	93
Wet Bulb	7389904	43534	78.1	2.145	558			93.2	90.5	21.0		93	93
Dew Point	3053641	41253	73.9	2.613	558			91.8	70.8	.5		93	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 78-87 JUL 1500-1700
STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
98/ 97									.1	.2								1	1					
96/ 95									.2	.3								11	11					
94/ 91									1.4	.2	.2							28	28					
92/ 91								1.4	2.7	.4								50	50					
90/ 89								5.7	7.4									78	78					
88/ 87								3.6										118	118					
86/ 85								.7	.2									98	98					
84/ 83								.4										63	63	5				
82/ 81								.3										30	30	43	2			
80/ 79								.8										17	17	147	14			
78/ 77								.3										20	20	250	61			
76/ 75																		20	20	87	171			
74/ 73																		20	20	54	170			
72/ 71																		4	4	15	100			
70/ 69																				6	24			
68/ 67																				1	14			
66/ 65																								
64/ 63																								
TOTAL	1.2	7.3	5.4	1.2	2.2	2.6	2.1	7.0	6.3	2.7	.7	.2						558	558	558	558			
																			</					

Element (X)	Σ X ²	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	3695111	38183	68.4	11.394	558				92.3	80.8	6.7	93
Dry Bulb	4127937	47988	85.9	5.139	558				93.0	93.0		93
Wet Bulb	3349113	43217	77.4	2.508	558				93.0	16.7		93
Dew Point	2958277	41286	74.2	2.525	558				92.0	69.7	.8	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAF

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 78-83 YEARS JUL MONTH 1800-2000 HOURS (G.S.T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
94/ 93																		3	3				
92/ 91																		2	2				
90/ 89																		14	14				
88/ 87																		25	25				
86/ 85																		63	63				
84/ 83																		112	112	2			
82/ 81																		119	119	6	1		
80/ 79																		79	79	53	5		
78/ 77																		59	59	191	39		
76/ 75																		48	48	170	191		
74/ 73																		23	23	100	189		
72/ 71																		11	11	22	86		
70/ 69																				12	29		
68/ 67																				2	16		
66/ 65																					2		
TOTAL	1.3	12.7	25.1	31.7	31.7	7.0	2.3											558	558	558	558		
																</							

Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	244.4	1.55	0.38	0.956	558							
Dry Bulb	3687549	453.5	81.2	4.54	558							
Wet Bulb	2225434	924.4	76.4	2.34	558							
Dew Point	3042373	4183	73.8	2.272	558							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.1													1	1		
86/ 85				.5	.4													5	5		
84/ 83			.4	1.6														12	12		
82/ 81		.7	7.7	8.4	.5													97	97	1	
80/ 79		4.3	18.5	3.9														149	149	10	3
78/ 77		1.0	11.3	1.3														130	130	130	23
76/ 75	.5	1.8	5.2	1.1														98	98	207	176
74/ 73	.9	5.7	2.2															49	49	131	210
72/ 71	.4	5.1	1.1															14	14	59	95
70/ 69	.2	.2																3	3	16	35
68/ 67																				3	13
66/ 65																				1	2
64/ 63																			558		1
TOTAL	1.0	33.5	46.4	17.0	1.1													558	558	558	558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/LAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 72-83 YEARS JULI MONTH

PAGE 3 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97																		27	27	2		
96/ 95																		76	76			
94/ 93																		158	158			
92/ 91																		298	298			
90/ 89																		405	405			
88/ 87																		424	424	2	1	
86/ 85																		346	346	13	1	
84/ 83																		436	436	109	4	
82/ 81																		548	548	627	52	
80/ 79																		617	617	1289	357	
78/ 77																		661	661	1205	1499	
76/ 75																		321	321	787	1500	
74/ 73																		107	107	302	690	
72/ 71																		25	25	94	231	
70/ 69																		4	4	24	87	
68/ 67																		3	3	3	21	
66/ 65																		2	2	2	10	
64/ 63																		1	1	1	7	
62/ 61																		2	2	2	2	
60/ 59																				1	1	
58/ 57																				1	1	
56/ 55																				4464	4464	
54/ 53																						
TOTAL	2.3	6.21	10.2	17.1	27.1	41.2	7.6	2.8	1.1									4464	4464	4464		

Element (X)	Mean No. of Hours with Temperature												No. Obs.		Total	
	2x'	2x	X	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F
Rel. Hum.	28046227	354585	70.4	13.227									4464		93 F	
Dry Bulb	20541461	362226	81.1	5.779									4464		80 F	
Wet Bulb	25802855	339173	76.7	2.724									4464		73 F	
Dew Point	24365264	329620	73.8	2.425									4464		67 F	

PSYCHROMETRIC SUMMARY

747945	KENNEDY SPACE CENTER FL
STATION	STATION NAME

73-32

YEARS

AUG
MONTH

PAGE 1
0000-0200
HOURS (L.S.T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 707945 KENNEDY SPACE CENTER FL STATION NAME YEARS 78-83

AUG
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
02/ 81		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	5	18	5	1
03/ 79		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18	18	18	2
04/ 77		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	95	95	95	17
05/ 75		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	239	239	239	168
06/ 73		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	147	147	147	242
07/ 71		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	48	48	48	113
08/ 69		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	4	4	4	19
09/ 67		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	1	1	3
10/ 65		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	1	1	1
11/ 63		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	1	1	2
TOTAL	24	7	6	3	2	1	4	7										558	558	558	558

USAFETAC

FORM 0-26-5 (OL A)

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PSYCHROMETRIC SUMMARY

AUG

YEARS

PAGE 7

0600-0800
HOURS (L. S. T.)

0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AJP WEATHER SERVICE/LAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL
STATION NAME

78-82

YEARS

AUG
MONTH

PAGE 1 0906-1100
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93																		1	1			
93/ 91																		11	11			
91/ 89																		39	39			
88/ 87																		140	140			
86/ 85																		150	150			
84/ 83																		120	120	1		
82/ 81																		58	58	16		
81/ 79																		26	26	180	11	
79/ 77																		8	8	258	96	
76/ 75																		3	3	85	240	
74/ 73																		2	2	16	154	
73/ 71																				2	46	
71/ 69																					9	
69/ 67																					2	
TOTAL	0	3.21	2.08	25.125.4	6.8	1.1												558	558	558	558	

Mean No. of Hours with Temperature

No. Obs.

X

X

Z X

Z X

Z X

Z X

Z X

Z X

Z X

Z X

Total

93 F

80 F

73 F

67 F

32 F

0 F

558

558

558

558

558

558

558

558

558

558

558

558

93

88.5

93.0

93.0

93.0

93.0

93.0

93.0

93.0

93.0

93.0

93.0

93.0

93.0

93.0

93.0

93.0

93.0

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-87

YEARS

AUG
MONTH

PAGE 1
1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 87								7	5									9	9			
82/ 84								3.6	1.0									32	32			
80/ 89								3.8	4									51	51			
88/ 87								2.0										127	127			
86/ 85								4	7									139	139			
84/ 83								5										74	74	4		
82/ 81								3										37	37	26	2	
80/ 79								2.2										23	23	188	16	
78/ 77								1.4										18	18	209	90	
76/ 75								1.1										31	31	80	223	
74/ 73								1.8										17	17	35	156	
72/ 71																				16	55	
70/ 69																					9	
68/ 67																					4	
66/ 65																					2	
64/ 63																					1	
TOTAL	2.7	8.1E	218.62	326.00	3.2	.5												558	558	558		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945

KENNEDY SPACE CENTER FL

78-83

STATION NAME

YEARS

AUG

MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
97/ 97																		1	1		
96/ 87																		10	10		
86/ 85																		33	33		
84/ 83																		91	91		
82/ 81																		145	145	1	3
80/ 79																		138	138	39	
78/ 77																		63	63	206	46
76/ 75																		50	50	210	241
74/ 73																		24	24	78	183
72/ 71																		3	3	22	64
70/ 69																				2	11
68/ 67																					8
66/ 65																			558		558
TOTAL	2.2	10.4	38.2	23.7	9.1	2.5	.5	.2										558		558	

GLOBAL CLIMATOLOGY BOARD
USAFETAC
AIR WEATHER SERVICE/FAC

PSYCHROMETRIC SUMMARY

707945

KENNEDY SPACE CENTER FL

70-83

STATION NAME

YEARS

PAGE 1

1500-1700
HOURS (L.S.T.)

MAY
MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.5		.2	.2	.2			.2				3	3		
91/ 89							1.5	1.6	.9	.2	.2							13	13		
88/ 87							3.2	1.6	.2	.2	.5			.2				34	34		
86/ 85							3.2	1.6	.2	.2	.5			.2				43	43		
84/ 83							3.9	3.8	.4	.2	.4							75	75		
82/ 81							5.7	2.5	.9	.4	.4							94	94		
81/ 79							5.6	2.7	.5	.2								103	103		5
78/ 77							2.9	1.6	.2									79	79		31
76/ 75							1.8	.7	.2									46	46		71
74/ 73							.7	.9	.2									28	28		111
72/ 71							.4	.2										24	24		100
70/ 69							.5	.4	.2									11	11		94
68/ 67							.2											1	1		55
66/ 65							.2											2	2		48
64/ 63							.2											1	1		78
62/ 61							.2											1	1		45
60/ 59																					33
58/ 57																					39
56/ 55																					21
54/ 53																					13
52/ 51																					15
50/ 49																					8
48/ 47																					1
46/ 45																					5
44/ 43																					1
TOTAL	.7	5.9	6.1	11.4	17.4	25.3	17.2	9.3	3.8	1.6	1.6	.4	.2	.2				558	558		558
</																					

Element (X)	Σ X ²		Σ X		X		X ²		No. Obs.		Mean No. of Hours with Temperature					Total	
	Rel. Hum.	2301627	35457	63.513	9.62	558	558	558	558	558	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total	Total
Dry Bulb	3586911	44659	87.8	4.769	558	558	558	558	558	558	92.3	86.3	52.7			93	93
Wet Bulb	2811897	39545	75.9	4.103	558	558	558	558	558	558	77.8	36.3	.2			93	93
Dew Point	2448221	36827	66.0	6.044	558	558	558	558	558	558	49.5	10.2				93	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945

KENNEDY SPACE CENTER FL

73-87

OCT

STATION NAME

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
77/ 81																		4	4			
81/ 80																		15	15			
86/ 87																		48	48			
86/ 85																		91	91			
84/ 85																		264	264			
82/ 81																		383	383		1	
87/ 79																		400	400		8	
78/ 77																		502	502		118	
76/ 75																		686	686		469	
74/ 73																		648	648		839	
72/ 71																		435	435		892	
71/ 69																		343	343		689	
68/ 67																		224	224		449	
66/ 65																		167	167		284	
64/ 63																		93	93		227	
62/ 61																		62	62		210	
60/ 59																		45	45		155	
58/ 57																		16	16		57	
56/ 55																		8	8		18	
54/ 53																		16	16		14	
52/ 51																		9	9		20	
51/ 49																		1	1		10	
48/ 47																		4	4		3	
46/ 45																						
44/ 43																						
42/ 41																						
TOTAL	3.227.22	16.313.71	1.9	6.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	4464	4464	4464	4464	
										</												

Mean No. of Hours with Temperature

No. Obs.

Element (X)

Element (X)	Zx'	Zx	X	X'	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	27956469	347619	77.9	14.196							
Dry Bulb	251671.07	333381	74.7	6.165							
Wet Bulb	21746241	319761	69.6	5.124							
Dew Point	27136945	298681	66.9	5.846							

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FORM 0-26-5 (OL A)

USAFETAC

U.S. GOVERNMENT PRINTING OFFICE: 1983-664-012/1019

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

STATION 707945 KENNEDY SPACE CENTER FL 70-82 YEARS MONTH AUG

PAGE 1 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95																		6	6		
94/ 93																		19	19		
92/ 91																		90	90		
90/ 89																		229	229		
88/ 87																		458	458		
86/ 85																		416	416	1	
84/ 83																		361	361	11	
82/ 81																		392	392	80	6
80/ 79																		489	489	710	65
78/ 77																		643	643	1240	498
76/ 75																		808	808	1267	1712
74/ 73																		428	428	834	1450
72/ 71																		104	104	264	569
70/ 69																		16	16	42	115
68/ 67																		4	4	9	35
66/ 65																		1	1	6	9
64/ 63																					4
62/ 61																					1
TOTAL																		4464	4464	4464	4464
			</																		

Element (X)	Σ X ²	Σ X	Y	Y ²	No. Obs.	Mean No. of Hours with Temperature							Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum. . .	31274857	369312	82.7	6838.9	4464									744
Dry Bulb	28966398	358794	81.4	6625.6	4464			743.8	723.2	366.8	4.2			744
Wet Bulb	25384885	339749	76.1	5791.2	4464			743.0	690.5	48.5				744
Dew Point	24713034	332012	74.4	5535.1	4464			741.7	621.8	4.0				744

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FORM 0-26-5 (OLA)

ML 64

USAFETAC

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 747943

KENNEDY SPACE CENTER FL	STATION NAME

43-82

YEARS

SEP
MONTH

PAGE 3

0900-1200
HOURS (L.S.T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/IAC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME 78-83 YEARS SEP MONTH 0300-0500 HOURS (L, S, T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81	.2	.6	1.7	.7	.9	.2												13	13	1	1
80/ 79																		85	85	28	17
78/ 77	1.1	.6	2.2	.7	.9	.2												151	151	191	89
76/ 75	3.5	1.4	3.9	.7	.9													143	143	183	165
74/ 73	5.2	1.6	2.2	.9	.6													91	91	121	131
72/ 71	7.1	0.7	.7	.4														37	37	61	83
70/ 69	3.7	2.4	.7															5	5	23	17
68/ 67	.2	.7																8	8	13	16
66/ 65	.2	1.3	.2															1	1	3	9
64/ 63			.2															2	2	4	5
62/ 61		.4																3	3	4	4
60/ 59		.6																		2	3
58/ 57																			540	540	540
TOTAL	22.1	61.2	12.2	2.4	1.6	.2												540		540	

Element (X)	Σ X²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
	Rel. Hum.	2957436	4745522	53466	93.5	6.718	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547
Dry Bulb	2957436	4745522	53466	93.5	6.718	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547
Wet Bulb	2957436	4745522	53466	93.5	6.718	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547
Dew Point	2957436	4745522	53466	93.5	6.718	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547	547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 74-27 YEARS SEP MONTH 0600-0800 HOURS (L.S.T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85																		3	3		
84/ 83																		12	12		
82/ 81		1.1	4.1	2.0	.9													48	48	2	
80/ 79			3.4	.9	.6	.2												65	65	22	5
78/ 77	1.1	9.8	5.	.6	.7	.4	.2											96	96	74	57
76/ 75	2.	16.5	2.2	1.3		.2												120	120	141	108
74/ 73	3.9	1.9	1.7	.4														91	91	131	157
72/ 71	3.7	7.8	.6															65	65	92	105
70/ 69	1.9	2.6	.2	.2														26	26	49	59
68/ 67	.2	.2																7	7	15	25
66/ 65		.6																3	3	6	9
64/ 63		.2																1	1	4	6
62/ 61		.4																2	2	1	3
60/ 59		.2																1	1	2	4
58/ 57																				1	2
TOTAL	17.4	55.92	.6	6.9	7.3	.9	.2											540	540	540	540

Element (X)	Mean No. of Hours with Temperature												No. Obs.		Total	
	≥ 32 F	≥ 30 F	≥ 27 F	≥ 25 F	≥ 23 F	≥ 21 F	≥ 19 F	≥ 17 F	≥ 15 F	≥ 13 F	≥ 11 F	≥ 9 F	≥ 7 F	≥ 5 F	≥ 3 F	≥ 1 F
Rel. Hum.																
Dry Bulb																
Wet Bulb																
Dew Point																

PSYCHROMETRIC SUMMARY

0900-1100
HOURS (L. S. T.)

FORM
JUN 64

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/FAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL
STATION NAME

75-27

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 93																		2	2		
62/ 81																		22	22		
51/ 89																		76	76		
48/ 87																		131	131		
56/ 85																		144	144		
84/ 83																		60	60	2	
82/ 91																		30	30	20	1
80/ 79																		32	32	125	18
78/ 77																		28	28	189	45
76/ 75																		8	8	127	142
74/ 73																		5	5	35	134
72/ 71																		2	2	22	114
70/ 69																				15	39
68/ 67																				3	27
66/ 65																				1	10
64/ 63																				1	2
62/ 61																					3
60/ 59																					3
58/ 57																					2
TOTAL																		540	540	540	540

Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
	Rel. Hum.	2518779	36489	67.6	9.029	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540
Dry Bulb		3937665	46765	85.3	3.868	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540
Wet Bulb		3189794	41476	16.8	2.663	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540
Dew Point		2898766	39522	73.2	3.390	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540

GLOBAL CLIMATOLOGY SEARCH
USAFETAC
AIR WEATHER SERVICE/IAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 78-82
STATION NAME
PAGE 1 1500-1700
HOURS (L. S. T.)
SEP MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
00/ 02																		2	2		
02/ 01																		9	9		
04/ 00																		21	21		
06/ 00																		64	64		
08/ 00																		118	118		
10/ 00																		100	100		
12/ 00																		88	88		
14/ 00																		56	56		
16/ 00																		36	36		
18/ 00																		28	28		
20/ 00																		14	14		
22/ 00																		3	3		
24/ 00																		1	1		
26/ 00																					
28/ 00																					
30/ 00																					
32/ 00																					
34/ 00																					
36/ 00																					
38/ 00																					
40/ 00																					
42/ 00																					
44/ 00																					
46/ 00																					
48/ 00																					
50/ 00																					
52/ 00																					
54/ 00																					
TOTAL	.6	8.2	12.0	2.1	3.1	5.9	6.6	5.6	1.0									540	540		

Element (X)	Σ X²	Σ X	X̄	s²	No. Obs.	Mean No. of Hours with Temperature						Total				
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Rel. Hum..	2908958	39258	72.7	10.92	54											
Dry Bulb	2721584	44768	82.9	4.12	54											
Wet Bulb	3126554	41260	76.3	2.83	54											
Dew Point	3291172	39468	73.1	3.47	54											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 73-87 YEARS PAGE 1 1850-2500 HOURS (L.S.T.) SEP MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 85						.2												7	7		
88/ 83						.4												37	37		
82/ 81																		87	87		
80/ 79						.4												145	145	16	7
78/ 77						.7												133	133	95	20
76/ 75																		66	66	208	136
74/ 73						.4												55	55	125	179
72/ 71																		8	8	49	98
70/ 69																				27	46
68/ 67																				16	23
66/ 65																		1	1	1	15
64/ 63																		1	1		11
62/ 61																				1	2
60/ 59																					1
58/ 57																				1	
56/ 55																					2
52/ 51																					1
TOTAL						1.2													540	540	

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature							Total								
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Rel. Hum.	3324505	40610	82.6	8.788	540																
Dry Bulb	3326587	42351	78.4	3.74	540	89.7	88.3	34.7													90
Wet Bulb	299216	4216	74.5	2.78	540	89.3	74.0	1.2													90
Dew Point	2859566	39254	72.7	3.767	540	84.8	57.3														90

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1

2100-2300
HOURS (L.S.T.)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL 78-87 YEARS SEP MONTH

PAGE 1 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93																		5	5			
92/ 91																		33	33			
91/ 89																		117	117			
88/ 87																		253	253			
86/ 85																		400	400			
84/ 83																		346	346		2	
82/ 81																		372	372		45	
81/ 79																		481	481		331	
78/ 77																		696	696		852	
76/ 75																		659	659		1177	
74/ 73																		547	547		928	
72/ 71																		271	271		538	
72/ 69																		84	84		424	
68/ 67																		22	22		112	
66/ 65																		16	16		39	
64/ 63																		4	4		12	
62/ 61																		4	4		4	
62/ 59																		7	7		10	
58/ 57																		3	3		6	
56/ 55																					3	
54/ 53																					6	
52/ 51																					1	
TOTAL	5.6	34.2	12.2	4.1	113.	8.8	3.3	1.4	.1									4320	4320		4320	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
747945

KENNEDY SPACE CENTER FL
STATION NAME

78-82

YEARS

OCT
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 83																		1	1					
82/ 81																		1	1					
84/ 79																		4	4	1	1			
78/ 77																		34	34					
76/ 75																		97	97	26	9			
74/ 73																		124	124	74	63			
72/ 71																		94	94	136	98			
70/ 69																		68	68	99	103			
68/ 67																		53	53	59	75			
66/ 65																		29	29	40	55			
64/ 63																		19	19	39	33			
62/ 61																		13	13	37	19			
60/ 59																		7	7	24	35			
58/ 57																		3	3	9	26			
56/ 55																		4	4	3	21			
54/ 53																		5	5	4	9			
52/ 51																				4	4			
50/ 49																				1	4			
48/ 47																		2	2	2	1			
46/ 45																					2			
TOTAL	4.552	3.321	7.13.6	6.0	1.0													558	558	558	558			
				</																				

Mean No. of Hours with Temperature

Element (X)	Σ X ²	Σ X	X̄	No. Obs.	Σ 0 F	Σ 32 F	Σ 67 F	Σ 73 F	Σ 80 F	Σ 93 F	Total
Rel. Hum.	4227059	48249	86.5	558				43.5			93
Dry Bulb	283094	3965	71.1	558			79.3				93
Wet Bulb	2617109	3817	68.3	558			65.8	16.8			93
Dew Point	2505105	37245	66.7	558			58.2	12.2			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 78-83 YEARS OCT MONTH

PAGE 1 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83																		2	2		
78/ 77		7	5	4	3	2												11	11		
76/ 75	4	5.9	4.7	2.2	1.1													78	78	11	5
74/ 73	1.5	12.5	4.7	2.2	1.1	2												121	121	78	60
72/ 71	2.0	8.4	2.5	.9	1.4	2												86	86	114	97
70/ 69	3.9	8.1	1.6	.5	.5	2												83	83	108	96
68/ 67	7	5.7	1.3	.9	1.1													54	54	66	82
66/ 65	1.1	3.9	1.3	1.5	.2													46	46	41	57
64/ 63		3.2	1.1	1.1														30	30	42	34
62/ 61	4	2.2	.3															19	19	33	28
60/ 59	3	2.2																13	13	41	38
58/ 57		.5																3	3	11	22
56/ 55																		5	5	2	30
54/ 53		.9																4	4	8	4
52/ 51		.7																1	1	1	5
50/ 49		.2																2	2	1	2
48/ 47		.4																			
46/ 45																					
TOTAL	17.2	55.6	13.5	9.7	5.4	.7												558	558	558	558
																</					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/KAC

PSYCHROMETRIC SUMMARY

747945

KENNEDY SPACE CENTER FL

73-83

YEARS

OCT

STATION NAME

STATION NAME

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
8 / 79		2	4	5	5	4												17	17			
78 / 77		1	3	3	3	3												51	51	4		
78 / 75	5	7	3	2	2	4												88	88	35	19	
74 / 73	7	1	3	1	1	5												98	98	77	64	
72 / 71	1	9	2	2	2	5												88	88	123	102	
70 / 69	2	3	6	1	1	1												71	71	99	92	
68 / 67	1	3	3	1	1	1												44	44	59	80	
66 / 65	0	4	4	1	1	1												37	37	43	46	
64 / 63	2	1	6	1	1	1												15	15	41	31	
62 / 61	4	2	3	1	1	1												21	21	32	33	
60 / 59	4	3	6	1	1	1												16	16	27	27	
58 / 57	0	2	0	0	0	0												3	3	15	25	
56 / 55																		1	1	3	18	
54 / 53	0	0	0	0	0	0												4	4	1	11	
52 / 51	0	0	0	0	0	0												4	4	4	3	
50 / 49																				5	3	
48 / 47																					2	
46 / 45																					2	
TOTAL	151	42	81	4	7	5	1											558	558	558	558	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAW

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME YEARS 74-87 MONTH OCT

PAGE 1 1987-11-01
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
51/ 83																		1	1	
58/ 87																		6	6	
66/ 85																		27	27	
68/ 83																		74	74	
80/ 81																		121	121	
81/ 73																		121	121	
71/ 77																		80	80	
76/ 73																		52	52	
74/ 73																		33	33	
72/ 71																		20	20	
71/ 69																		10	10	
68/ 67																		7	7	
66/ 65																		4	4	
64/ 63																		1	1	
62/ 61																				
60/ 59																		1	1	
58/ 57																				
56/ 55																				
54/ 53																				
52/ 51																				
50/ 49																				
48/ 45																				
TOTAL																		558	558	558

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	2704627	38235	68.611	827	558							
Dry Bulb	2407344	44116	79.14	235	558			92.0	85.8	49.0		93
Wet Bulb	2366231	39919	71.54	335	558			81.0	48.5			93
Dew Point	2365374	37694	67.6	551	558			61.2	10.5			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/JAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 70-83
STATION STATION NAME YEARS MONTH OCT

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
83/ 82																		2	2		
82/ 81																		10	10		
81/ 80																		29	29		
80/ 79																		53	53		
79/ 78																		118	118		
78/ 77																		142	142		
77/ 76																		81	81	3	
76/ 75																		54	54	45	
75/ 74																		31	31	114	15
74/ 73																		21	21	131	75
73/ 72																		7	7	94	95
72/ 71																		4	4	65	82
71/ 70																		4	4	47	67
70/ 69																		1	1	25	63
69/ 68																		1	1	11	46
68/ 67																		1	1	17	42
67/ 66																				3	20
66/ 65																				3	19
65/ 64																					15
64/ 63																					10
63/ 62																					8
62/ 61																					1
61/ 60																					
60/ 59																					
59/ 58																					
58/ 57																					
57/ 56																					
56/ 55																					
55/ 54																					
54/ 53																					
53/ 52																					
52/ 51																					
51/ 50																					
TOTAL																		558	558	558	558

Element (X)	Zx ²	Zx		Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature														
		≤ 0 F	≤ 32 F				≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Rel. Hum.	2289654	35224	63.11	996	552																
Dry Bulb	367887	45251	81.1	4.72	553																
Wet Bulb	2886998	40186	71.8	4.82	556																
Dew Point	2528531	37433	67.1	5.625	558																

Mean No. of Hours with Temperature

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Σ 0 F	Σ 32 F	Σ 67 F	Σ 73 F	Σ 80 F	Σ 93 F	Total
Rel. Hum.	2289654	35224	63.110	996	552							
Dry Bulb	367857	45251	81.1	4.72	558			92.7	90.2	68.0		93
Wet Bulb	2886998	40186	71.8	4.87	558			83.2	48.8			93
Dew Point	2528521	37431	67.1	5.625	558			55.7	15.7			93

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 64

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATD WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 747945 KENNEDY SPACE CENTER FL STATION NAME YEARS 78-83 MONTH OCT

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																		2	2	2	
91/ 89																		4	4	4	
88/ 87																		13	13	13	
86/ 85																		11	11	11	
84/ 83																		69	69	69	1
82/ 81																		113	113	113	1
80/ 79																		138	138	138	
78/ 77																		90	90	90	28
76/ 75																		54	54	54	107
74/ 73																		28	28	28	126
72/ 71																		13	13	13	102
70/ 69																		13	13	13	71
68/ 67																		7	7	7	54
66/ 65																		2	2	2	28
64/ 63																					14
62/ 61																		1	1	1	15
60/ 59																					7
58/ 57																					5
56/ 55																					13
54/ 53																					8
52/ 51																					1
50/ 49																					1
48/ 47																					
46/ 45																					
TOTAL	.4	2.7	11.6	19.9	23.5	23.3	13.1	3.2	1.3	.7	.4							558	558	558	558

Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
	Rel. Hum.	2613244	37604	67.5	11.365	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558
Dry Bulb	3507819	44183	79.2	4.98	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558
Wet Bulb	2849107	7915	71.3	4.149	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558
Dew Point	2539816	37512	67.2	5.696	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558	558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

STATION 787945 KENNEDY SPACE CENTER FL STATION NAME 78-82 YEARS OCT MONTH 1800-2000 HOURS (L.S.T.)
PAGE 3

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 51																		6	6	6	
81/ 79			2.5	2.5	1.1													34	34	34	
78/ 77		7	9.9	6.8	3.4	.4												118	118	4	13
76/ 75		5.6	1.8	3.2	3.2	1.4	.2											165	165	45	62
74/ 73		3.8	5.2	3.6	2.0	.9	.2											88	88	119	103
72/ 71		1.1	4.1	1.0	3.2	.8												56	56	108	94
70/ 69		.8	1.5	.7	1.7	1.1	.5											34	34	96	76
68/ 67		.7	1.5	1.1	.7	.4												23	23	53	54
66/ 55	.2	.5	.5	.8	.7	.2												17	17	46	37
64/ 63		.2	.2	.2	.2	.2												6	6	29	33
62/ 61		.2	.7	.2	.2	.2												3	3	5	23
60/ 59					.2													5	5	10	20
58/ 57				.2														2	2	9	16
56/ 55				.2														1	1	5	7
54/ 53																				4	13
52/ 51																				2	1
50/ 49																					558
48/ 47																					558
46/ 43	.9	13.6	37.5	27.1	14.5	5.6	.9											558	558	558	
TOTAL																					

USAFETAC

FORM 0-26-5 (OL A)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. GOVERNMENT PRINTING OFFICE: 1983-664-012/1019

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747943 STATION KENNEDY SPACE CENTER FL 74-87 YEARS OCT MONTH

PAGE 1 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 79																		5	5		
72 / 77		1.1	3.7	3.6	1.9													64	64		
76 / 75	4	7.7	7.9	4.1	1.1	.5												121	121	28	9
74 / 73	7	9.5	7.2	4.8	1.2	.4	.4											135	135	87	54
73 / 71	2	5.6	4.5	1.4	.7	.4												71	71	124	99
70 / 69	2	7.2	3.6	1.4	1.4	.9												60	60	97	96
68 / 67		1.8	1.4	.4	.2													32	32	67	75
66 / 65		2.0	1.4	.2	.2													31	31	43	59
64 / 63		1.0	1.6	.7														21	21	28	40
62 / 61		.9																5	5	34	31
61 / 59			.4	.3														3	3	35	20
59 / 57		.2	.2	.2	.4													5	5	3	32
56 / 55		.2	.2															2	2	2	18
54 / 53			.4															2	2	2	12
52 / 51		.2																1	1	3	6
51 / 49																				3	2
48 / 47																					2
46 / 45																					2
42 / 41																					1
TOTAL	1,432	734	419	212	212	4												558	558	558	558

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F			Total
Rel. Hum..	3269273	46143	82.7	9.865	558								
Dry Bulb	3019101	43711	72.1	4.342	558			81.3	54.2	.2			93
Wet Bulb	2629774	3876	62.5	4.082	558			67.2	19.2				93
Dew Point	2483278	37076	66.4	5.960	558			55.5	10.5				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

7A-PT
YEARS

NOV
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75	.9	.6	.3	.2	.5	.1												9	52	18	11
74/ 73	1.1	1.3	2.2	1.5	.4													84	84	25	29
72/ 71	.7	1.3	3.3	1.7	.2													75	75	70	33
68/ 67	.9	1.3	1.7	1.1	.9	.2												61	61	98	75
66/ 65	.9	1.3	.7	.9	.2													49	49	57	74
64/ 63	.6	1.3	1.3	.6	.3													51	51	58	62
62/ 61	.2	.3	.2	.2														23	23	41	51
60/ 59	.2	1.3	.2															25	25	34	35
58/ 57	.4	1.3	.2	.2														14	14	29	27
56/ 55	.2	.2	.6	.6														18	18	17	25
54/ 53	.2	.2	.7	.2														17	17	14	24
52/ 51	.3	.3	.4															20	20	13	20
50/ 49	.2	1.9	.3															14	14	28	19
48/ 47		.7	.4	.2														7	7	11	13
46/ 45		.9	.7															9	9	4	14
44/ 43		.9																5	5	10	7
42/ 41	.2	.6																4	4	9	6
40/ 39																				1	11
38/ 37																				1	1
36/ 35	.2																	1	1	1	1
34/ 33		.2																1	1	1	2
32/ 31	.2	55.322	8.5	3.7	.7													540	540	540	540
TOTAL	7	55.322	8.5	3.7	.7													540	540	540	540
Mean No. of Hours with Temperature																					
Element (X)	ΣX ²	ΣX	X̄	s ²	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Rel. Hum...	4247102	474.1	87.8	9.137	540		.2	46.8	10.2			90									
Dry Bulb	2285942	34859	64.6	8.149	540		.2	35.2	3.8			90									
Wet Bulb	2127723	33623	62.3	7.955	540		.3	24.7	1.8			90									
Dew Point	2433842	32832	60.8	8.358	540		.3					90									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

777945 STATION KENNEDY SPACE CENTER FL 73-83 YEARS NOV MONTH
PAGE 1 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75	.7	2.4	1.9	1.3	1.7													3	43	3	8
74/ 73																		43	65	27	23
72/ 71	1.7	3.9	4.4	1.3	.7	.4												76	76	65	43
70/ 69	2.2	7.8	2.6	.3	.6	.2												68	68	84	57
68/ 67	1.3	6.9	1.5	.4	.6	.2												54	54	71	85
66/ 65	.6	8.0	.7	.3	.7													51	51	62	63
64/ 63	.7	6.7	1.3	.7														30	30	35	57
62/ 61	.9	3.3	1.7															34	34	41	32
60/ 59		5.2	1.1															21	21	21	26
58/ 57		2.1	1.3															13	13	20	24
56/ 55	.2	1.1	.9															12	12	19	30
54/ 53	.2	1.3	.6															11	11	7	17
52/ 51	.2	2.9	.7	.2														21	21	16	9
50/ 49	.2	1.1	.4	.2														14	14	22	20
48/ 47		.7	.2															5	5	7	16
46/ 45		1.2	.2															8	8	11	5
44/ 43	.4	.7	.2															6	6	11	6
42/ 41																		1	1	4	11
40/ 39		.2																1	1	1	3
38/ 37		.3																2	2	1	3
36/ 35	.1	.2																1	1	2	3
34/ 33	.2																		540	540	540
TOTAL	9.36	92.0	5.6	3.7	.6													540			

Element (X)	ΣX ²	ΣX	X	X ²	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum.	9336101	48141	89.2	9.59	540								
Dry Bulb	2230766	34918	63.7	8.295	540			42.5	7.7				90
Wet Bulb	2085899	3307	61.7	8.127	540			31.7	1.3				90
Dew Point	2011375	32635	60.4	8.514	540			21.7	1.2				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL STATION NAME 70-27 YEARS NOV MONTH

PAGE 1 0600-0800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
73/ 77		.2																2	2	2	2
74/ 75		.7	.2	.7														10	10	10	10
74/ 73	.7	2.4	1.5	2.4	.4													40	40	15	10
72/ 71	1.5	4.3	3.0	7	.9	.2												62	62	21	22
70/ 69	2.1	9.1	3.3	.9	.2	.7												83	83	71	40
68/ 67	1.7	7.6	2.2	.6	.7	.4												67	67	84	76
66/ 65	.9	6.7	.7	.4	.7													48	48	64	69
64/ 63	.7	6.1	.2	.2	.2													39	39	59	64
62/ 61	.4	4.4	.2	.7	.2													36	36	34	51
61/ 59	.3	3.0	.2	.6	.6													24	24	31	24
58/ 57	.1	3.1	.1	.2														24	24	23	24
56/ 55	.6	2.9	.3	.2														26	26	28	21
54/ 53	.2	.9	.7	.2														13	13	30	36
52/ 51	.2	2.2	.6															15	15	14	19
50/ 49	.3	2.2	.7	.4	.2													18	18	17	22
48/ 47		.7	.4															6	6	14	14
46/ 45		1.3	.4															9	9	7	12
44/ 43		.6																5	5	6	7
42/ 41		.1																6	6	9	6
40/ 39	.4	.4																4	4	7	12
38/ 37	.2																	1	1	2	3
36/ 35	.2	.2																2	2	2	1
34/ 33	.1	.2																			2
32/ 31																					
TOTAL	9.86	218.7	7.6	2.2	1.5													540	540	540	540

Element (X)	ΣX²	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total
Rel. Hum..	431.2017	47081	88.9	9.417	540							
Dry Bulb	2237949	34463	63.8	8.452	540	44.0	8.7					90
Wet Bulb	2093322	33324	61.7	8.271	540	32.2	2.8					90
Dew Point	2011707	32621	60.4	8.732	540	25.0	2.0					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A10 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7K7945 STATION

KENNEDY SPACE CENTER FL STATION NAME

75-83 YEARS

NOV MONTH

PAGE 1

0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 27																		2	2		
34/ 23																		3	3		
32/ 21																		18	18		
30/ 19																		40	40		
28/ 17																		77	77		
26/ 15																		81	81		
24/ 13																		97	97		
22/ 11																		54	54		
20/ 9																		45	45		
18/ 7																		31	31		
16/ 5																		19	19		
14/ 3																		21	21		
12/ 1																		10	10		
10/ 1																		15	15		
8/ 1																		13	13		
6/ 1																		3	3		
4/ 1																		5	5		
2/ 1																		1	1		
0/ 1																					
34/ 23																					
TOTAL	1.1	1.3	2.3	2.2	4.1	6.7	13.7	7.4	1.5	.7	.2							540	540	540	540

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≥ 32 F	≥ 30 F	≥ 27 F	≥ 23 F	≥ 19 F	≥ 15 F	
Rel. Hum.	2913328	3806	72.1	13.79	54							
Dry Bulb	182888	38022	72.1	6.60	54							
Wet Bulb	2279051	35651	66.1	6.959	54							
Dew Point	2136327	33593	62.2	8.726	54							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

787945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

78-83

YEARS

NOV
MONTH

PAGE : 1

1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87																		1	1		
86/ 85																		8	8		
84/ 83																		20	20		
82/ 81																		42	42		
80/ 79																		101	101	1	
78/ 77																		99	99	7	
76/ 75																		76	76	22	8
74/ 73																		47	47	51	20
72/ 71																		34	34	101	37
70/ 69																		33	33	96	50
68/ 67																		34	34	72	69
66/ 65																		11	11	33	67
64/ 63																		7	7	36	61
62/ 61																		11	11	31	43
60/ 59																		7	7	20	36
58/ 57																		6	6	18	28
56/ 55																				17	16
54/ 53																				8	21
52/ 51																		1	1	16	19
50/ 49																		2	2	8	14
48/ 47																				3	8
46/ 45																					5
44/ 43																					10
42/ 41																					7
40/ 39																					8
38/ 37																					10
36/ 35																					2
34/ 33																					1
TOTAL	0.2	0.4	0.7	1.4	3.2	1.1	25.4	15.6	6.5	1.7	0.6	0.4						540	540	540	540
											</										

Mean No. of Hours with Temperature

Element (X)	Zx ²	Zx	X	X ²	No. Obs.	Mean No. of Hours with Temperature	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2326301	34601	64.2	413.340	547					
Dry Bulb	3065336	4556	75.1	6.112	547					90
Wet Bulb	2036628	36126	66.9	6.467	547					90
Dew Point	2098547	33323	61.7	8.049	547					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 76-33 YEARS NOV MONTH
PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 33							.4		.2									6	6		
62/ 31				.4		.7	.2		.1									15	15		
60/ 29				1.5	2.2	3.1	1.3											55	55		
78/ 77				3.3	5.2	5.7	1.1	.4										89	89	1	
76/ 75		.7	3.5	6.8	4.3	3.2	.7	.3										107	107	17	7
74/ 73	.2	.9	3.9	3.7	1.5	1.7	.6											69	69	42	16
72/ 71	.2	1.3	1.3	2.4	2.5	.9	.6	.2	.6									54	54	71	33
70/ 69	.3	.6	.9	1.5	1.5	.6	.9	.8	.7									38	38	114	48
68/ 67		.4	.6	1.5	1.3	1.1	.4	.3	.2									30	30	75	71
66/ 65		.7	.4	1.1	1.2	.7	.4	.3										30	30	50	74
64/ 63		.2	.2	1.1	.7	.6	.5	.2										12	12	39	56
62/ 61				1.1	.7	.6	.2											14	14	25	48
60/ 59			.4	.4	.7	.7	.4											14	14	26	34
58/ 57				.7	.2	.2												3	3	25	33
56/ 55				.1														1	1	17	13
54/ 53																		3	3	17	18
52/ 51			.2															3	3	8	24
50/ 49																				8	16
48/ 47																				5	6
46/ 45																					4
44/ 43																					4
42/ 41																					540
40/ 39																					
38/ 37																					
36/ 35																					
TOTAL	.2	5.7	19.8	24.5	32.3	18.5	8.3	2.1	2.7	.1								540	540	540	
		</																			

Element (X)	ΣX ²	ΣX	X̄	S _x ²	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2613100	36268	68.7	13.35	540							
Dry Bulb	201349	79467	73.1	5.669	540							
Wet Bulb	2380476	35692	66.1	6.296	540							
Dew Point	2089203	33271	61.6	3.545	540							

GLOBAL CLIMATOLOGY B MCH
USAFETAC
AIR WEATHER SERVICE/SAC

PSYCHROMETRIC SUMMARY

707945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

73-83

YEARS

PAGE 1

NOV
MONTH

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
73/ 77		.6	.7	.2	.6	.2												8	8	5	4
76/ 75		.2	1.0	2.2	1.1													38	38	23	9
74/ 73		4.1	5.1	3.7	1.1													75	75	41	36
77/ 71	.2	5.6	7.6	1.9	1.1													88	88	87	44
73/ 69	.2	5.9	7.4	2.4	1.3	.6	.2											97	97	91	74
68/ 67		3.2	3.9	1.9	.9													48	48	55	75
66/ 65		3.2	2.4	1.9	.7	.2												40	40	49	50
64/ 63		2.4	1.3	1.7	.6													32	32	36	42
62/ 61		.9	.6	.2	.1	.2												21	21	29	44
57/ 59		.6	.2	.7	.6	.2												23	23	21	23
58/ 57		.7	.7	.2	.7	.2												14	14	30	21
56/ 55		.7	1.1	.6	.4													15	15	21	23
54/ 53		.1	.7	.9	.6	.2												16	16	16	26
52/ 51		.8	.4	.4	.2													5	5	15	25
5 / 49		.4	1.7	.2														9	9	13	11
48/ 47		.6	.4															5	5	7	13
46/ 45		.2																1	1	14	9
44/ 43		.6																3	3	4	8
42/ 41																				2	12
4 / 39		.4																2	2	1	7
39/ 37																				1	5
36/ 35																					2
TOTAL	.431	.737	.120	.4	3.9	1.5	.2											540	540	540	540

Mean No. of Hours with Temperature

No. Obs.

X

X²

2X

ΣX

ΣX²

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

≥ 73 F

≥ 67 F

≥ 62 F

≥ 57 F

≥ 52 F

≥ 47 F

≥ 42 F

≥ 37 F

≥ 32 F

≥ 27 F

≥ 22 F

≥ 17 F

≥ 12 F

≥ 7 F

≥ 2 F

Total

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAAC

PSYCHROMETRIC SUMMARY

747945 STATION

KENNEDY SPACE CENTER FL

76-03

STATION NAME

YEARS

NOV

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75	.2	.9	.6	.3	.0	.2												12	12	1	1	
74/ 73	.9	3.9	2.2	2.4	.6	.2												55	55	37	14	
72/ 71	3.5	7.4	5.6	1.3	1.3													90	90	40	24	
70/ 69		9.6	3.7	1.1	1.9													88	88	68	50	
68/ 67	.4	4.4	4.3	.4	.6													54	54	90	66	
66/ 65	.6	5.9	1.7	1.5	.5		.2											56	56	58	69	
64/ 63		3.5	.6	.7	.7													30	30	55	54	
62/ 61		7.6	1.1	.6	.4													25	25	37	47	
60/ 59		1.7	.9	.2														15	15	22	32	
58/ 57	.2	3.1	1.3	.6	.2													29	29	30	23	
56/ 55	.2	2.2	1.5	.4														23	23	27	36	
54/ 53	.2	1.5	.4	.4														13	13	24	27	
52/ 51	.2	1.1	.9															12	12	20	28	
50/ 49		.7	.7	.6	.2													12	12	9	15	
48/ 47			.2	.4														3	3	11	8	
46/ 45		.6	1.1															9	9	1	7	
44/ 43	.2	1.1	.2															8	8	12	11	
42/ 41																				11	6	
40/ 39	.2																	1	1	2	7	
38/ 37	.6	.2																4	4	3	6	
36/ 35																				1	8	
34/ 33	.2																	1	1	1	1	
TOTAL	1.45	226.51	.4	7.	.2	.4	.2											540	540	540	540	
													</									

707945 KENNEDY SPACE CENTER FL 78-87 STATION NAME YEARS

PAGE 1

NOV
MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
28/ 27																		3	3			
26/ 25																		8	8			
24/ 23																		29	29			
22/ 21																		75	75			
20/ 19																		196	196	1	1	
18/ 17																		275	275	13	13	
16/ 15																		336	336	65	29	
14/ 13																		478	478	205	106	
12/ 11																		531	531	423	251	
10/ 9																		535	535	665	369	
8/ 7																		393	393	676	572	
6/ 5																		307	307	436	564	
4/ 3																		243	243	391	466	
2/ 1																		170	170	267	376	
0/ 0																		157	157	220	272	
272																		124	124	209	201	
201																		99	99	163	182	
182																		74	74	141	196	
196																		69	69	106	169	
169																		81	81	111	120	
120																		35	35	76	94	
94																		33	33	36	90	
90																		30	30	41	60	
60																		16	16	43	63	
63																		8	8	15	67	
67																		6	6	7	36	
36																		3	3	3	23	
23																		5	5	6	8	
8																		1	1	1	5	
5																		4320	4320	4320	4320	
TOTAL	4,235,321	514,241	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	7,833,211	4320	4320	4320	4320	

Element (X)	Zx ²	Zx	X	Σx	No. Obs.	Mean No. of Hours with Temperature							Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum.	2852262	6	344	44	74	614	247	1120	4320	35.7	720		
Dry Bulb	2336228	294	98	68	18	542	4320	4320	4320	47.3	720		
Wet Bulb	17850889	275673	63	8	7	749	4320	4320	4320	22	720		
Dew Point	16452870	263066	61	1	8	657	4320	4320	4320	22	720		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

747945
STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-83

YEARS

DEC
MONTH

PAGE 1

0000-0200
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL O.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 73			.2															1	18	4	
74/ 73		2.3	.7	.2														34	34	17	12
72/ 71		4.2	2.0	.4	.2													50	50	36	28
70/ 69	.9	5.7	1.8	.4														69	69	64	53
68/ 67	1.7	6.3	2.7	1.4	.7													56	56	42	62
66/ 65	2.5	3.9	1.4	1.3	.5	.4												47	47	54	36
64/ 63	.9	5.4	1.4	.2	.4	.2												40	40	49	40
62/ 61	.7	4.1	1.1	.9	.4													33	33	40	39
60/ 59	.4	4.7	.7	.2														30	30	37	41
58/ 57	.2	3.8	1.4	.2														15	15	38	35
56/ 55	.7	1.8	.2	.2														26	26	13	19
54/ 53		2.6	.9	.2														31	31	26	34
52/ 51	.4	3.6	1.2	.2	.2													24	24	34	35
50/ 49	.6	2.5	.5	.7														25	25	23	25
48/ 47	.4	2.0	.4	.2	.2													21	21	24	25
46/ 45	.5	2.1	.9	.4														11	11	15	14
44/ 43	.0	1.4	.2															4	4	14	14
42/ 41		.7																3	3	6	8
40/ 39		.2	.2	.2	.2													8	8	2	10
38/ 37	.3	.5	.4	.2	.2													6	6	5	8
36/ 35	.2	.4	.4	.2														3	3	6	1
34/ 33		.4																1	1	3	5
32/ 31				.2														2	2	1	3
30/ 29			.2	.2																	
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
20/ 19																					
18/ 17																					
16/ 15																					
14/ 13																					
12/ 11																					
10/ 9																					
8/ 7																					
TOTAL	17.1	61.6	61.8	7.3	2.7	.5												558	558	558	558

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4345535	48891	87.6	17.532	558	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	248782	33387	59.8	9.659	558		.5	28.7	3.2			93
Wet Bulb	16129.9	22209	57.7	9.322	558		1.5	20.2	.7			93
Dew Point	7826388	31282	56.1	17.942	558		3.2	15.5				93

PSYCHROMETRIC SUMMARY

STATION
575271

STATION NAME
KEENEY SPACE CENTER FL

78-87

YEARS

DEC
MONTH

PAGE 11

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
																			D.B./W.B.			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
74/ 73		1.1																6	6	2	8	
72/ 71		2.8	1.1	.2														29	29	17		
70/ 69	1.3	5.7	1.3	.2														47	47	27	31	
68/ 67	2.3	6.3	1.3	1.3	.7													66	66	58	46	
66/ 65	3.3	4.1	1.3	.2	.7													49	49	43	54	
64/ 63	1.4	4.7	1.6	.4	.5													51	51	40	29	
62/ 61	1.1	5.9	.9		.4													47	47	59	52	
60/ 59	1.3	4.1	1.6	.2	.4													40	40	48	40	
56/ 57	.2	2.5	.4	.2	.2	.2												20	20	32	35	
50/ 55	.2	2.3	.2	.6														27	27	28	30	
54/ 53	.2	3.6	.7															25	25	25	28	
52/ 51	.2	7.2	.5															26	26	31	40	
50/ 49	.5	2.3	.9	.4	.4													25	25	24	21	
48/ 47	.4	2.9	.4	.5														23	23	26	22	
46/ 45	1.4	2.9	.2	.2	.7													26	26	29	29	
44/ 43	.9	2.9	.2	.2														23	23	25	29	
42/ 41		.4	.2															3	3	15	18	
40/ 39		.7	.2															2	2	2	7	
38/ 37		.7	.2															5	5	3	2	
36/ 35		.9	.5															8	8	6	7	
34/ 33		.7																4	4	7	7	
32/ 31				.4														2	2	5	7	
30/ 29			.2															1	1		6	
28/ 27																					2	
26/ 25		.4																2	2	3	1	
24/ 23		.2																1	1	3	1	
22/ 21																					3	
18/ 17																					1	
16/ 15																					2	
TOTAL	17.5	63.3	13.6	4.3	3.4	.7	.2											558	558	558	558	

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature								Σ	Total
Rel. Hum..	4467474	49576	88.810	.623	553	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb	1979521	32775	58.7	9.085	553		1.0	24.7	1.0				93		
Wet Bulb	1659926	31728	56.911	.20	553		1.3	17.3	.3				93		
Dew Point	1778730	30896	55.410	.996	553		3.8	14.2					93		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 78-87
STATION NAME STATION
PAGE 1 0600-0800
MONTH HOURS (L. S. T.)
DEC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77																		1	1		
74/ 73		1.6	.2															10	29	20	10
71/ 71		4.5	.4	.2														29	52	36	35
71/ 69	1.3	5.9	1.4	.2	.5													52	60	49	51
68/ 67	2.3	6.1	1.6		.3	.2												60	36	43	37
66/ 65	.9	7.7	2.2	.7														76	52	40	39
64/ 63	2	8.4	1.7	1.1	.2													46	46	54	42
62/ 61	1.4	4.5	1.3	.7	.4													28	28	38	36
59/ 59	.4	3.0	.9															27	27	40	45
57/ 57	.7	3.8	.4															25	25	25	24
56/ 55	.2	3.6	.2	.5														26	26	26	30
54/ 53	.5	2.9	.7	.2														33	33	20	30
52/ 51	.7	3.8	.9		.3													34	34	34	29
50/ 49	.4	3.3	1.1	.5	.4													25	25	30	25
48/ 47	.5	2.3	1.3	.4														20	20	27	24
46/ 45	.2	2.2	.5															24	24	27	27
44/ 43	.9	3.4																1	1	20	21
42/ 41	.2																	5	5	2	13
40/ 39	.7	.7	.5															8	8	5	3
38/ 37	.2	.2																1	1	5	7
36/ 35		.9	.4															7	7	4	10
34/ 33		.2																2	2	4	6
32/ 31	.2	.2																1	1	3	5
30/ 29		.2	.2															2	2		1
28/ 27		.2																1	1	3	1
26/ 25		.2																1	1	1	1
24/ 23		.2																1	1	1	1
22/ 21		.2																1	1	1	1
20/ 19																				1	1
18/ 17																					3
16/ 15																					2
TOTAL	14.1	63.2	15.1	4.3	2.7	.5												558	558	558	558

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	1495.18	49744	89.110	.726	558	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	1861261	32585	58.410	.154	558		1.3	25.3	1.8			93	
Wet Bulb	1844786	31562	56.610	.279	558		2.2	17.5				93	
Dew Point	1766412	30774	55.211	.147	558		3.3	16.0				93	

USAFETAC
FORM 64
0-26-5 (OL A)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. GOVERNMENT PRINTING OFFICE: 1987-064-012/1019

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 747045 KENNEDY SPACE CENTER FL STATION NAME YEARS 78-83 MONTH DEC

PAGE 1 1988-1989
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	0.8/W.B.	≥ 93 F				
82/ 91				1.4	1.1	1.7												5	5				
81/ 79				1.4	1.6	1.3												17	17				
78/ 77			1.4	1.8	1.6	1.5												30	30				
76/ 75		1.7	2.5	1.3	2.2	1.5												39	39	3			
74/ 73		1.3	2.3	1.8	1.3	2.0	.4											50	50	34			
72/ 7		2.7	3.0	2.0	.7	.4												50	50	43			
71/ 69		3.6	3.8	1.2	1.1	.5	.7											64	64	54			
68/ 67		2.4	2.5	1.3	1.6	.7												47	47	58			
66/ 65		2.3	.4	1.8	1.4	.7	.4											40	40	41			
64/ 63		3.2	1.1	1.6	1.4	.2												42	42	52			
62/ 61		1.3	1.6	.4	1.4	.2	.2											29	29	44			
60/ 59		.5	1.5	1.1	.7	.2												18	18	30			
58/ 57		1.6	2.5	1.1	.9	.2												30	30	31			
56/ 55		.9	1.1	.9	.7	.2												21	21	29			
54/ 53		1.1	1.3	.9	.7	.2	.2											19	19	38			
52/ 51		.3	1.3	.4	.7	.2												16	16	19			
51/ 49		.4	.9	.4	.2	.2												11	11	21			
48/ 47				.5	.2	.2												5	5	13			
46/ 45		.5			.2	.2												4	4	10			
44/ 43		.4			.2	.2												4	4	10			
42/ 41		.2	.2	.2	.2	.2												4	4	3			
41/ 39		.2	.2	.2	.2	.2												4	4	3			
39/ 37			.5		.4													2	2	6			
36/ 35																		3	3	2			
34/ 33																		1	1	9			
32/ 31		.2																1	1	5			
31/ 29		.2	.2	.2														2	2	1			
28/ 27																		1	1	1			
26/ 25																				6			
22/ 21																				2			
20/ 19																				3			
18/ 17																				1			
TOTAL	1.1	23.7	28.1	20.6	17.6	6.6	2.3	.4										558	558	558			

Element (X)	2X ²	2X	X	%	No. Obs.	Mean No. of Hours with Temperature							TOTAL	
Rel. Hum..	3317746	42376	75.9	13.372	558	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb	2445143	36536	65.5	9.735	558		.7	50.3	23.5	1.8		93		
Wet Bulb	211731	33946	67.8	9.685	558		1.5	32.0	6.2			93		
Dew Point	1918232	32116	57.4	11.312	558		3.3	21.8	.5			93		

Element (X)	ΣX'	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3317746	42376	75.9	13.372	558							
Dry Bulb	2445143	36536	65.5	9.735	558		.7	50.3	23.5	1.8		93
Wet Bulb	2117310	33946	67.8	9.687	558		1.5	32.0	6.2			93
Dew Point	1918232	32116	57.4	11.312	558		3.3	21.8	.5			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL

78-83

DEC

STATION NAME

YEARS

MONTH

PAGE 1 1200-1480
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	≥ 31												
84/ 83					.7	1.1	.5	.5										17	17												
82/ 81				.3	2.7	1.1	.5	.5										25	25												
81/ 79			.3	1.4	2.2	1.0	1.1	.5										43	43												
78/ 77			.5	2.3	3.5	1.8	.5	.5										43	43												
76/ 75			.9	3.6	3.8	2.7	.7	.7	.2	.2								71	71	8											
74/ 73			.5	.5	1.6	2.5	1.4	.7	.2	.2								50	50	49											
72/ 71		.4	3.0	.4	.5	1.4	1.1	.5										43	43	47											
70/ 69		.1	2.2	1.6	1.6	2.2	.2	.2										49	49	66											
68/ 67	.2	.7	.9	1.6	2.9	1.4	.7	.5										48	48	50											
66/ 65		1.6	.4	.7	1.4	2.7	.5	.5										41	41	52											
64/ 63		1.3	.5	.5	2.0	.7	.4	.2	.2	.2								31	31	42											
62/ 61			.4	.7	1.6	.4	.2	.2	.2	.2								20	20	47											
60/ 59			.7	1.4	.9	.4	.4	.4	.2	.2								20	20	41											
58/ 57			.4	.7	.5	.2	.4											12	12	31											
56/ 55		.2	.2	.7	.7	.5												13	13	32											
54/ 53			.2	.4	.2	.4												6	6	30											
52/ 51			.6	.2	.2		.4	.5										6	6	9											
50/ 49			.2	.2			.5											4	4	16											
47/ 47																				7											
46/ 45			.4		.2	.2												4	4	10											
44/ 43			.2	.2	.2													2	2	12											
42/ 41			.5	.4	.4													7	7	4											
40/ 39					.3													1	1	3											
38/ 37																		2	2	5											
36/ 35			.2	.2																3											
34/ 33																				2											
32/ 31																				1											
30/ 29																				2											
28/ 27																															
26/ 25																															
24/ 23																															
22/ 21																															
20/ 19																															
18/ 17																															
16/ 15																															
Element (X)	Z X																	X		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.																				≤ 0 F		≥ 32 F		≥ 67 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																															
Wet Bulb																															
Dew Point																															

DEC
MONTH

1248-1440
HOURS (L. S. T.)

PAGE 6

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

747945 KENNEDY SPACE CENTER FL 78-82
STATION NAME
747945 KENNEDY SPACE CENTER FL 78-82
PAGE 1 1500-1700
MONTH
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85																		1	9			
84/ 83																		17	27			
82/ 81																		21	21			
80/ 79																		39	39	1		
78/ 77																		50	50	9	1	
76/ 75																		53	53	33	2	
74/ 73																		61	61	44	33	
72/ 71																		44	44	58	33	
70/ 69																		66	66	65	61	
68/ 67																		43	43	46	48	
66/ 65																		38	38	41	45	
64/ 63																		30	30	47	42	
62/ 61																		20	20	45	33	
60/ 59																		23	23	36	37	
58/ 57																		10	10	34	31	
56/ 55																		11	11	34	27	
54/ 53																		4	4	12	24	
52/ 51																		4	4	12	24	
50/ 49																		2	2	17	28	
48/ 47																		2	2	4	26	
46/ 45																		4	4	1	15	
44/ 43																		3	3	2	6	
42/ 41																		1	1	3	5	
40/ 39																		1	1	3	6	
38/ 37																		1	1	1	5	
36/ 35																		1	1		3	
34/ 33																					2	
32/ 31																					5	
30/ 29																					1	
28/ 27																					1	
26/ 25																					1	
24/ 23																					1	
22/ 21																					1	
20/ 19																					1	
Element (X)	Z X ²	Z X	X	X ²	Mean No. of Hours with Temperature												Total					
Rel. Hum...					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

Mean No. of Hours with Temperature

≤ 0 F

≤ 32 F

≥ 67 F

≥ 73 F

≥ 80 F

≥ 93 F

Total

Element (X)
Rel. Hum.
Dry Bulb
Wet Bulb
Dew Point

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
346471

KENILDY SPACE CENTER FL
STATION NAME

28-82

YEARSDEC
MONTH

2
FGE
pAGD

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
747045

STATION NAME
KENNEDY SPACE CENTER FL

78-83

YEARS

DEC

MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
3 / 79																		1	1		
78 / 77				.2														2	2		
76 / 75		1.2	2.8	.8	.2													27	27	27	12
74 / 73		2.3	2.8	.5														44	44	38	23
72 / 71		2.5	4.5	.9														60	60	35	33
7 / 69		4.3	3.4	2.2	.8													75	75	74	61
68 / 67	1.6	6.5	2.7	2.1	.5	.2	.2											49	49	49	60
66 / 65	.2	5.2	1.6	1.3	.2	.4	.2											33	33	48	32
64 / 63		3.2	1.3	1.4	1.4	.4												48	48	43	45
62 / 61		2.2	2.5	2.2	1.4	.2												35	35	34	39
6 / 59		2.5	2.8	1.6	.4	.2												26	26	29	27
58 / 57		.9	2.8	1.4	.5	.2	.2											32	32	34	25
56 / 55		2.5	2.8	.5	.2	.2	.2											28	28	36	30
54 / 53		1.6	2.5	.7	.2													17	17	29	36
52 / 51		1.1	1.4	.4	.2	.2	.2											15	15	29	23
50 / 49		.9	1.1	.5	.2	.4	.2											14	14	18	30
48 / 47		.9	1.1	.2	.4	.2	.2											7	7	19	26
46 / 45		.4	.2	.4	.2	.5												5	5	6	14
44 / 43		.4		.2	.2													4	4	4	16
42 / 41			.5	.2														2	2	5	10
4 / 39			.4															4	4	3	1
38 / 37			.7																	7	3
36 / 35																		3	3		5
34 / 33																					5
32 / 31						.2															3
3 / 29																					3
26 / 27																					
26 / 25																					
24 / 23																					
22 / 21																					
2 / 19																					
TOTAL	1.8	38.5	34.4	17.7	6.1	.9	.5											558	558	558	558

Element (X)	ΣX ²	ΣX	ΣX ²	No. Obs.	Mean No. of Hours with Temperature							Total
					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum...	37727.0	8542.8	81.4	11.800	558							Total
Dry Bulb	22461.08	3572	62.9	8.655	558	.5	39.3	9.5				93
Wet Bulb	22253.86	3322.4	59.5	9.204	558	.5	26.5	2.0				93
Dew Point	18740.47	3175.7	56.9	10.342	558	3.5	19.7	.2				93

Mean No. of Hours with Temperature

No. Obs.

Element (X)

Rel. Hum.	2X ²	2X	X	X ²	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
37727.0	6542.0	81.4	11.800	558							93
22461.0	3572.0	62.9	8.655	553		.5	39.3	9.5			93
22253.86	3322.4	59.5	9.204	558		.5	26.5	2.0			93
16740.47	3175.7	56.9	9.104	558		3.5	19.7	.2			93

GLOBAL CLIP TOLOGR BRANCH
USAFETAC
AID -ATREH SERVICE/MAC

PSYCHROMETRIC SUMMARY

707145 STATION NAME 707145 DY SPACE CENTER FL 70-83 YEARS PAGE 1 2100-2300 MONTH DEC
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		D.B./W.B.	TOTAL		Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb		
70/71		.7	.4	.4														10	10	7	
74/75		.8	1.4	.4														20	20	26	22
77/79		1.3	2.3	1.3	.9													46	46	31	25
68/67	1.6	6.3	2.2	1.1	.5	.4												65	65	71	58
66/65	1.6	5.1	1.5	.2	.4	.2												52	52	54	69
64/63	.5	3.9	.9	1.8	.4	.4												43	43	49	31
62/61	.3	2.5	1.8	.9	.2	.2												34	34	40	37
60/59	.1	3.4	1.4	.4	.2	.2												30	30	30	34
58/57	.2	2.2	.5	.5	.2	.2												19	19	41	26
56/55	.2	2.2	.7	.2	.2	.2												29	29	22	35
54/53	.2	2.7	2.3	.5	.2	.2												32	32	22	32
52/51	.2	4.1	1.2	.3	.2	.2												33	33	24	21
50/49		2.7	1.8	.2	.4													24	24	50	30
48/47		2.7	1.1	.4														19	19	18	32
46/45		1.6	.2	.2														11	11	24	24
44/43	.4	1.1		.3														9	9	17	20
42/41		.5		.2														4	4	9	22
40/39		.4	.5	.7														9	9	4	9
38/37			.4															2	2	2	6
36/35		.2	.5															4	4	5	3
34/33																				9	4
32/31																		3	3		2
30/29				.5																	4
28/27																					7
26/25																					1
24/23																					1
22/21																					1
20/19																					1
18/17																					1
16/15																					1
14/13																					1
12/11																					1
10/9																					1
8/7																					1
6/5																					1
4/3																					1
2/1																					1
TOTAL	5.6	52.3	24.9	13.3	2.9	1.1												558	558	558	558

Mean No. of Hours with Temperature

Element (X)	Zx ²	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature					≥ 80 F	≥ 93 F	Total
Rel. Hum.	4085961	47348	84.9	11.077	558	≥ 73 F	≥ 67 F	≥ 60 F	≥ 50 F	≥ 40 F	558	558	93
Dry Bulb	2121504	34108	60.9	9.373	558	5.0	33.5	5.0					93
Wet Bulb	1956117	32544	58.3	9.668	558	1.2	22.5						93
Dew Point	1833748	31390	56.3	11.043	558	3.0	17.5						93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 STATION

KENNEDY SPACE CENTER FL
STATION NAME

72-82

YEARS

DEC
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85																		1	1			
84/ 83																		26	26			
82/ 81																		47	47			
80/ 79																		82	82			
78/ 77																		115	115	1	1	
76/ 75																		198	198	20	8	
74/ 73																		234	234	141	168	
72/ 71																		336	336	252	280	
70/ 69																		426	426	343	432	
68/ 67																		496	496	489	421	
66/ 65																		366	366	379	307	
64/ 63																		337	337	359	344	
62/ 61																		294	294	383	297	
60/ 59																		224	224	306	256	
58/ 57																		187	187	277	240	
56/ 55																		172	172	242	228	
54/ 53																		173	173	224	240	
52/ 51																		166	166	170	227	
50/ 49																		141	141	220	217	
48/ 47																		113	113	152	187	
46/ 45																		95	95	147	149	
44/ 43																		82	82	101	124	
42/ 41																		30	30	71	65	
40/ 39																		25	25	30	35	
38/ 37																		31	31	35	36	
36/ 35																		25	25	32	43	
34/ 33																		15	15	18	31	
32/ 31																		8	8	9	32	
30/ 29																		5	5	3	26	
28/ 27																		3	3	12	13	
26/ 25																		2	2	11	6	
24/ 23																		1	1	1	12	
22/ 21																		1	1	1	10	
20/ 19																		1	1	1	10	
Element (X)	ΣX ²		ΣX		X		°K		No. Obs.		Mean No. of Hours with Temperature						≥ 80 F		≥ 93 F		Total	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

DEC
MONTH

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1
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8

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

797245

KENNEDY SPACE CENTER FL

STATION

STATION NAME

78-84

YEARS

ALL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 97																		4	4		
66/ 95																		35	35		
64/ 93																		125	125		
62/ 91																		349	349		
60/ 89																		888	888		
58/ 87																		1572	1572		
56/ 85																		1899	1899		
54/ 83																		2138	2138		
52/ 81																		2744	2744		
50/ 79																		3531	3531		
48/ 77																		4497	4497		
46/ 75																		5230	5230		
44/ 73																		4582	4582		
42/ 71																		3695	3695		
40/ 69																		3359	3359		
38/ 67																		2850	2850		
36/ 65																		2422	2422		
34/ 63																		1940	1940		
32/ 61																		1658	1658		
30/ 59																		1588	1588		
28/ 57																		1163	1163		
26/ 55																		1053	1053		
24/ 53																		932	932		
22/ 51																		756	756		
20/ 49																		732	732		
18/ 47																		541	541		
16/ 45																		421	421		
14/ 43																		348	348		
12/ 41																		256	256		
10/ 39																		193	193		
8/ 37																		122	122		
6/ 35																		89	89		
4/ 33																		60	60		
2/ 31																		39	39		
Element (X)																	Mean No. of Hours with Temperature		Total		
Rel. Hum.																	≤ 0 F		≥ 80 F		
Dry Bulb																	≤ 67 F		≥ 93 F		
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747945 STATION KENNEDY SPACE CENTER FL 78-89 YEARS ALL MONTH

PAGE 2 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
31/ 25	•	•	•	•	•													21	21	43	131					
28/ 27	•	•	•	•	•													16	16	24	102					
26/ 25	•	•	•	•	•													6	6	31	66					
24/ 23	•	•	•	•	•													3	3	15	31					
22/ 21	•	•	•	•	•													2	2	2	52					
20/ 19	•	•	•	•	•															1	52					
18/ 17																					29					
16/ 15																					24					
14/ 13																					9					
12/ 11																					5					
10/ 9																					10					
8/ 7																					3					
6/ 5																					1					
TOTAL	51859	32,220	30,391	9,053	2,490	9,053	2,490	9,053	2,490	9,053	2,490	9,053	2,490	9,053	2,490	9,053	2,490	51859	51859	51859	51859					
																					</					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747945 KENNEDY SPACE CENTER FL

78-84

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN 53.8 S.D. 9.522 TOTAL OBS 558	57.0 8.605 510	60.9 7.845 465	65.6 5.657 540	69.9 4.572 558	74.9 2.530 540	76.7 2.643 558	76.1 2.222 558	74.9 2.973 540	71.1 4.926 558	64.6 8.149 540	59.8 9.659 558	67.2 9.934 6483
03-05	MEAN 52.4 S.D. 10.004 TOTAL OBS 558	56.1 8.927 510	59.7 8.096 465	64.1 5.793 540	68.5 4.653 558	73.6 2.772 540	75.5 2.558 558	75.0 2.036 558	73.9 3.010 540	69.9 5.160 558	63.7 8.295 540	58.7 9.885 558	66.1 10.074 6483
06-08	MEAN 51.7 S.D. 10.470 TOTAL OBS 558	55.8 9.263 510	60.1 8.096 465	66.2 5.871 540	71.7 5.153 558	76.7 3.502 540	78.0 3.729 558	77.4 3.498 558	75.7 3.861 540	71.0 5.327 558	63.8 8.452 540	58.4 10.154 558	67.4 11.208 6483
09-11	MEAN 60.7 S.D. 9.222 TOTAL OBS 558	63.4 8.736 510	68.4 7.287 465	74.9 4.374 540	79.5 3.921 558	83.6 3.273 540	85.7 2.915 558	85.0 2.946 558	83.2 3.537 540	79.1 4.235 558	72.1 6.600 540	65.5 9.735 558	75.2 10.591 6483
12-14	MEAN 65.3 S.D. 8.309 TOTAL OBS 558	67.6 8.531 510	72.3 7.491 465	78.0 5.281 540	81.7 4.665 558	86.0 3.923 540	88.1 4.092 558	87.0 3.851 558	85.3 3.868 540	81.1 4.072 558	75.1 6.012 540	69.8 8.915 558	78.2 9.754 6483
15-17	MEAN 64.4 S.D. 7.869 TOTAL OBS 558	66.7 8.118 510	71.6 6.982 465	76.9 4.888 540	80.0 4.769 558	83.9 4.431 540	85.9 5.139 558	84.8 4.454 558	82.9 4.120 540	79.2 4.098 558	73.1 5.669 540	68.4 8.385 558	76.6 9.311 6483
18-20	MEAN 58.1 S.D. 7.864 TOTAL OBS 558	61.2 7.780 508	65.8 6.672 465	71.3 4.774 540	75.2 4.076 558	79.5 3.306 540	81.2 4.054 558	80.3 3.191 558	78.4 3.074 540	74.0 4.075 558	67.2 7.112 540	62.9 8.655 558	71.4 9.616 6481
21-23	MEAN 55.1 S.D. 8.774 TOTAL OBS 558	58.3 8.165 510	62.6 7.385 445	67.6 5.138 540	71.8 4.236 558	76.5 2.646 540	78.0 2.917 558	77.4 2.313 558	76.1 2.923 540	72.1 4.502 558	65.1 8.098 540	60.9 9.373 558	68.6 9.779 6480
ALL HOURS	MEAN 57.6 S.D. 1.294 TOTAL OBS 4464	60.7 9.602 4075	65.2 8.885 3720	70.6 7.363 4320	74.8 6.551 4464	79.3 5.475 4320	81.1 5.779 4464	80.4 5.362 4464	78.8 5.355 4320	74.7 6.165 4464	68.1 8.542 4320	63.1 10.223 4464	71.3 10.987 51859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-EULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747945 KENNEDY SPACE CENTER FL 78-84

STATION		STATION NAME												YEARS			
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL			
10-02	MEAN	51.7	54.6	58.5	62.9	67.3	72.7	74.6	74.6	73.1	68.3	62.3	57.7	65.0			
	S.D.	9.851	9.063	8.209	5.905	4.917	2.468	2.222	1.882	2.950	5.137	7.965	9.822	10.119			
	TOTAL OBS	553	510	465	540	558	540	558	558	540	558	540	558	6483			
03-05	MEAN	50.7	53.9	57.6	62.0	66.5	72.0	73.9	74.0	72.6	67.7	61.7	56.9	64.3			
	S.D.	10.211	9.282	8.359	5.949	4.947	2.683	2.361	1.821	2.986	5.238	8.120	10.020	10.285			
	TOTAL OBS	553	510	465	540	558	540	558	558	540	558	540	558	6483			
16-08	MEAN	50.2	53.8	57.9	63.4	68.4	73.8	75.4	75.3	73.7	68.4	61.7	56.6	65.0			
	S.D.	10.594	9.594	8.280	5.771	4.789	2.623	2.669	2.334	3.245	5.304	8.271	10.279	10.908			
	TOTAL OBS	558	510	465	540	558	540	558	558	540	558	540	558	6483			
09-11	MEAN	55.3	57.8	61.5	66.3	70.8	75.8	77.6	77.8	76.3	71.5	66.0	60.8	68.3			
	S.D.	9.519	8.897	7.439	5.053	4.068	2.112	1.838	1.614	2.558	4.335	6.859	9.680	9.761			
	TOTAL OBS	552	510	465	540	558	540	558	558	540	558	540	558	6483			
12-14	MEAN	57.5	59.3	62.7	66.9	71.1	76.3	78.0	78.3	76.8	71.8	66.9	62.5	69.1			
	S.D.	8.659	8.419	7.155	5.172	4.141	2.331	2.145	1.926	2.663	4.080	6.467	8.818	9.158			
	TOTAL OBS	553	510	465	540	558	540	558	558	540	558	540	558	6483			
15-17	MEAN	57.2	58.9	62.6	66.8	72.9	75.7	77.4	77.6	76.0	71.3	66.1	62.1	68.7			
	S.D.	8.139	8.070	6.902	4.823	4.103	2.513	2.508	2.123	2.881	4.149	6.296	8.600	8.960			
	TOTAL OBS	553	510	465	540	558	540	558	558	540	558	540	558	6483			
18-20	MEAN	54.3	57.0	60.7	65.3	69.2	74.4	76.0	76.1	74.5	69.4	63.5	59.5	66.8			
	S.D.	8.514	8.233	7.172	5.052	4.235	2.277	2.334	1.866	2.780	4.766	7.451	9.204	9.453			
	TOTAL OBS	553	508	465	540	558	540	558	558	540	558	540	558	6481			
21-23	MEAN	52.5	55.4	59.4	63.9	68.1	73.4	74.9	75.1	73.5	68.5	62.3	58.3	65.6			
	S.D.	9.302	8.659	7.880	5.597	4.683	2.381	2.159	1.828	2.963	4.982	8.137	9.668	9.890			
	TOTAL OBS	552	507	465	540	558	540	558	558	540	558	540	558	6480			
ALL HOURS	MEAN	53.7	56.3	60.1	64.7	69.0	74.2	76.0	76.1	74.6	69.6	63.8	59.3	66.6			
	S.D.	9.742	9.024	7.917	5.707	4.787	2.836	2.774	2.462	3.259	5.024	7.749	9.763	9.993			
	TOTAL OBS	4464	4075	3720	4320	4464	4320	4464	4464	4320	4464	4320	4464	51859			

GLOBE CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

78-84

747945 KENNEDY SPACE CENTER FL

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
MEAN	49.7	52.5	56.6	61.1	65.8	71.7	73.7	74.0	72.3	66.7	60.8	56.1	63.6
S.D.	11.2	11.4	9.2	6.7	5.6	2.8	2.2	1.9	3.3	5.9	8.3	10.9	10.9
TOTAL OBS	552	510	465	540	558	540	558	558	540	558	540	558	6483
MEAN	49.1	52.0	56.2	60.7	65.4	71.2	73.3	73.6	72.3	66.5	60.4	55.4	63.1
S.D.	11.2	11.4	9.2	6.7	5.6	2.8	2.2	1.9	3.3	5.9	8.3	10.9	10.9
TOTAL OBS	552	510	465	540	558	540	558	558	540	558	540	558	6483
MEAN	48.7	52.0	56.3	61.6	66.7	72.4	74.3	74.4	72.8	67.0	60.4	55.2	63.6
S.D.	11.6	11.4	9.2	6.7	5.6	2.8	2.2	1.9	3.3	5.9	8.3	10.9	10.9
TOTAL OBS	552	510	465	540	558	540	558	558	540	558	540	558	6483
MEAN	51.1	53.1	56.4	60.8	66.1	72.3	74.2	74.9	73.3	67.6	62.2	57.4	64.3
S.D.	12.1	11.4	9.2	6.7	5.6	2.8	2.2	1.9	3.3	5.9	8.3	10.9	10.9
TOTAL OBS	552	510	465	540	558	540	558	558	540	558	540	558	6483
MEAN	50.6	52.6	55.8	60.0	65.4	72.1	73.9	74.9	73.2	67.1	61.7	57.3	63.9
S.D.	12.4	11.6	9.2	6.7	5.6	2.8	2.2	1.9	3.3	5.9	8.3	10.9	10.9
TOTAL OBS	552	510	465	540	558	540	558	558	540	558	540	558	6483
MEAN	50.8	52.4	56.1	60.5	66.0	72.1	74.0	74.7	73.1	67.2	61.6	57.4	64.0
S.D.	11.5	11.3	9.2	6.7	5.6	2.8	2.2	1.9	3.3	5.9	8.3	10.9	10.9
TOTAL OBS	552	510	465	540	558	540	558	558	540	558	540	558	6483
MEAN	50.7	53.3	56.9	61.4	65.9	72.0	73.8	74.3	72.7	66.8	61.1	56.9	64.0
S.D.	10.6	10.3	9.2	6.7	5.6	2.8	2.2	1.9	3.3	5.9	8.3	10.9	10.9
TOTAL OBS	552	510	465	540	558	540	558	558	540	558	540	558	6483
MEAN	49.9	53.0	57.0	61.4	65.9	71.9	73.6	74.1	72.2	66.4	60.5	56.3	63.7
S.D.	11.0	10.1	9.2	6.7	5.6	2.8	2.2	1.9	3.3	5.9	8.3	10.9	10.9
TOTAL OBS	552	510	465	540	558	540	558	558	540	558	540	558	6483
MEAN	50.1	52.6	56.4	61.0	65.9	72.0	73.8	74.4	72.7	66.9	61.1	56.5	63.8
S.D.	11.5	10.8	9.2	6.7	5.6	2.8	2.2	1.9	3.3	5.9	8.3	10.9	10.9
TOTAL OBS	4464	4075	3720	4320	4464	4320	4464	4464	4320	4464	4320	4464	51853

RELATIVE HUMIDITY

FEB
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
FEB	5-77	100.0	100.0	100.0	100.0	99.6	97.1	87.6	72.4	38.6	85.2	510
	7-25	100.0	100.0	100.0	100.0	98.6	97.3	91.8	77.6	39.8	86.6	517
	26-28	100.0	100.0	100.0	100.0	99.2	96.9	92.5	76.9	47.5	87.3	510
	29-31	100.0	100.0	99.4	95.5	86.9	74.7	51.8	31.0	9.8	70.8	510
	12-14	100.0	100.0	96.1	85.3	72.4	51.8	28.0	13.5	5.3	60.7	510
	15-17	100.0	100.0	95.7	86.5	73.7	55.9	35.3	17.8	5.5	62.5	510
	18-20	100.0	100.0	99.8	98.4	94.7	85.4	68.9	45.9	11.6	76.2	508
	21-23	100.0	100.0	100.0	100.0	99.8	95.9	84.0	65.1	24.7	82.9	507
TOTALS		100.0	100.0	98.9	95.7	97.6	81.9	67.5	50.0	22.9	76.5	4075

RELATIVE HUMIDITY

APR
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
APR	00-02	100.0	100.0	100.0	100.0	99.6	98.0	92.8	76.3	31.1	85.8	540
	03-05	100.0	100.0	100.0	100.0	99.8	99.1	96.9	85.4	46.7	88.8	540
	06-08	100.0	100.0	100.0	100.0	99.6	97.5	89.4	74.1	36.1	85.5	540
	09-11	100.0	100.0	99.3	95.9	84.3	55.0	24.3	10.0	1.5	62.6	540
	12-14	100.0	100.0	98.1	89.1	62.8	29.1	10.9	5.0	0.6	55.2	540
	15-17	100.0	100.0	98.9	89.8	71.1	38.7	18.9	6.3	2.6	58.4	540
	18-20	100.0	100.0	100.0	99.1	93.9	80.7	55.0	28.7	6.3	71.9	540
	21-23	100.0	100.0	100.0	100.0	99.3	94.1	83.7	58.1	17.0	81.0	540
TOTALS		100.0	100.0	99.5	96.7	98.8	74.0	59.0	43.0	17.7	73.7	4320

RELATIVE HUMIDITY

MONTH
JUN

USAFETAC
FORM
JUL 64
0-87-5 (OL A)

RELATIVE HUMIDITY

AUG
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
AUG	5-12	100.0	100.0	100.0	100.0	100.0	100.0	99.5	97.1	66.8	92.9	558
	13-19	100.0	100.0	100.0	100.0	100.0	100.0	99.5	97.8	85.5	95.0	558
	20-28	100.0	100.0	100.0	100.0	100.0	100.0	98.4	88.5	56.1	90.4	558
	9-11	100.0	100.0	100.0	100.0	100.0	95.0	54.3	13.6	1.6	71.9	558
	12-14	100.0	100.0	100.0	99.8	98.7	79.7	31.0	8.8	4.1	67.7	558
	15-17	100.0	100.0	100.0	100.0	99.5	90.0	50.2	21.0	8.6	72.4	558
	18-20	100.0	100.0	100.0	100.0	100.0	99.1	92.8	59.7	13.8	82.1	558
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.8	93.5	36.7	89.3	558
TOTALS		100.0	100.0	100.0	100.0	99.8	95.5	78.2	60.0	34.2	82.7	4464

RELATIVE HUMIDITY

SEP
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
SEP	00-00	100.0	100.0	100.0	100.0	100.0	99.6	98.1	92.6	61.1	91.5	540	
	01-05	100.0	100.0	100.0	100.0	100.0	100.0	98.0	95.2	74.3	93.5	540	
	06-10	100.0	100.0	100.0	100.0	99.8	99.1	97.8	89.3	55.9	90.5	540	
	11-15	100.0	100.0	100.0	99.6	98.5	91.5	57.6	17.8	3.7	72.5	540	
	16-20	100.0	100.0	100.0	99.8	97.6	79.3	33.9	9.1	3.0	67.6	540	
	21-25	100.0	100.0	100.0	100.0	99.4	91.3	53.0	21.5	5.0	72.7	540	
	26-30	100.0	100.0	100.0	100.0	100.0	99.3	92.4	61.3	15.2	82.6	540	
	TOTALS	100.0	100.0	100.0	100.0	100.0	99.4	96.7	85.4	32.2	87.6	540	

RELATIVE HUMIDITY

OCT
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
OCT	3-12	100.0	100.0	100.0	100.0	100.0	98.4	91.2	76.5	40.0	86.5	558	
	13-25	100.0	100.0	100.0	100.0	100.0	99.5	92.7	82.6	52.3	88.8	558	
	26-38	100.0	100.0	100.0	100.0	100.0	98.2	91.4	78.0	46.1	87.3	558	
	39-11	100.0	100.0	100.0	99.5	94.6	72.8	41.0	16.7	4.3	68.6	558	
	12-14	100.0	100.0	100.0	99.1	88.5	53.8	24.0	6.8	1.1	63.1	558	
	15-17	100.0	100.0	99.8	99.1	95.0	68.5	41.4	14.5	1.6	67.6	558	
	18-20	100.0	100.0	100.0	100.0	99.8	94.3	80.6	48.7	6.1	78.4	558	
	21-23	100.0	100.0	100.0	100.0	100.0	97.3	87.1	66.1	18.3	82.7	558	
TOTALS		100.0	100.0	100.0	99.7	97.2	85.4	68.7	48.7	21.2	77.9	4464	

RELATIVE HUMIDITY

NOV
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
NOV	0-02	100.0	100.0	100.0	100.0	100.0	99.4	93.1	80.4	46.1	87.8	540
	3-05	100.0	100.0	100.0	100.0	100.0	99.3	93.5	83.0	54.3	89.2	540
	6-08	100.0	100.0	100.0	100.0	100.0	98.1	94.1	82.6	52.0	88.9	540
	9-11	100.0	100.0	100.0	99.1	93.7	79.3	57.2	31.9	8.0	72.1	540
	12-14	100.0	100.0	99.3	95.7	84.6	60.4	31.9	13.9	2.8	64.2	540
	15-17	100.0	100.0	99.6	97.2	90.7	73.1	44.8	20.2	3.9	68.3	540
	18-20	100.0	100.0	100.0	100.0	99.4	95.9	83.1	59.1	18.5	81.2	540
	21-23	100.0	100.0	100.0	100.0	99.8	98.7	88.3	73.5	35.6	85.5	540
TOTALS		100.0	100.0	99.9	99.1	96.7	88.0	73.3	55.6	27.7	79.7	4320

RELATIVE HUMIDITY

72-1-373

DEC
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
DEC	5-02	100.0	100.0	100.0	100.0	93.7	97.5	91.0	80.5	46.6	87.6	558
	3-05	100.0	100.0	100.0	99.8	99.5	97.7	92.1	84.4	53.6	88.8	558
	06-08	100.0	100.0	100.0	100.0	99.5	97.7	93.5	83.0	55.6	89.1	558
	09-10	100.0	100.0	100.0	99.1	95.9	86.7	66.3	41.8	14.7	75.9	558
	12-14	100.0	100.0	98.9	97.0	88.9	61.8	35.3	14.3	2.7	65.5	558
	15-17	100.0	99.8	98.6	96.8	89.6	72.8	47.1	24.2	4.3	69.1	558
	18-20	100.0	100.0	100.0	99.3	97.3	94.1	83.7	58.1	20.1	81.4	558
	21-23	100.0	100.0	100.0	99.8	99.1	96.6	88.0	71.3	31.5	84.9	558
TOTALS		175.0	170.0	99.7	99.7	96.1	88.0	74.5	57.2	28.6	80.3	4464

FORM
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747945 STATION KENNEDY SPACE CENTER FL 73-84 PERIOD ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.8	99.1	96.8	91.6	82.7	69.6	52.3	29.8	77.9	4464
FEB		100.0	100.0	98.9	95.7	90.6	81.9	67.5	50.0	22.9	76.5	4075
MAR		100.0	100.0	99.2	96.8	91.1	77.3	63.3	46.0	21.1	75.2	3720
APR		100.0	100.0	99.5	96.7	88.8	74.0	59.0	43.0	17.7	73.7	4320
MAY		100.0	100.0	99.6	98.3	92.8	79.5	62.7	45.8	18.1	75.4	4464
JUN		100.0	100.0	100.0	99.9	98.0	89.7	72.0	52.1	22.3	79.2	4320
JUL		100.0	100.0	100.0	100.0	98.3	90.7	71.5	53.6	22.9	79.4	4464
AUG		100.0	100.0	100.0	100.0	99.8	95.5	78.2	60.0	34.2	82.7	4464
SEP		100.0	100.0	100.0	99.9	99.4	94.9	78.4	59.0	31.3	82.3	4320
OCT		100.0	100.0	100.0	99.7	97.2	85.4	68.7	48.7	21.2	77.9	4464
NOV		100.0	100.0	99.9	99.0	96.0	88.0	73.3	55.6	27.7	79.7	4320
DEC		100.0	100.0	99.7	99.0	96.1	88.0	74.5	57.2	28.6	80.3	4464
TOTALS		100.0	100.0	99.7	98.5	94.9	85.6	69.9	51.9	24.8	78.4	51859

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

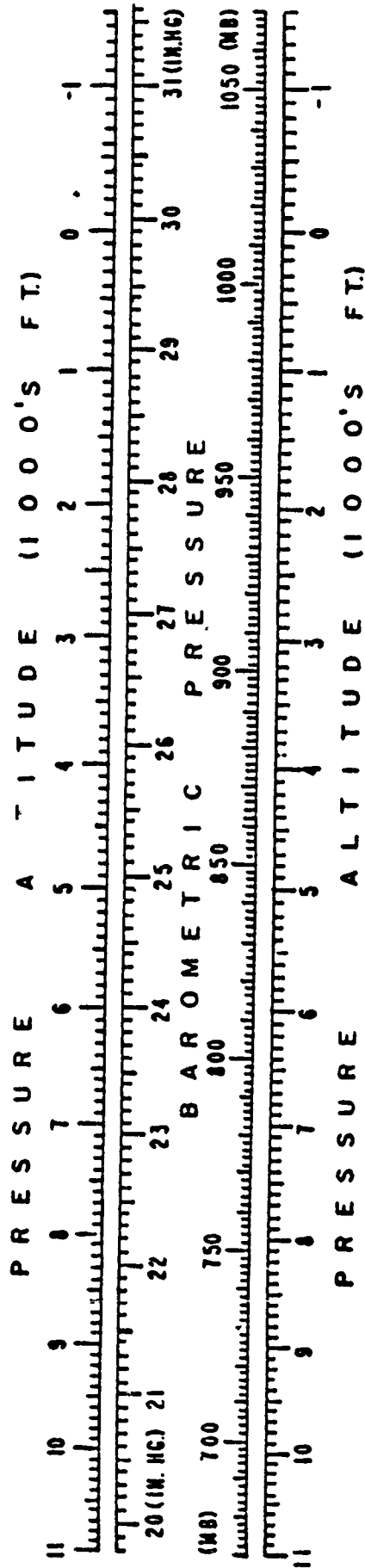
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

73-84

KENNEDY SPACE CENTER FL

747945

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN S.D. TOTAL OBS	29.0933 .143 186	29.0743 .152 170	29.1230 .126 180	29.9777 .293 186	29.9763 .772 130	30.0413 .061 186	30.0362 .069 186	29.9853 .174 180	30.0083 .082 186	30.0583 .098 180	30.108 .116 186	30.035 .119 2161
04	MEAN S.D. TOTAL OBS	29.0733 .146 186	29.0512 .153 170	29.0033 .124 180	29.9592 .193 186	29.9863 .072 180	30.0233 .059 186	30.0132 .066 186	29.9652 .087 180	30.0433 .082 186	30.0433 .096 180	30.096 .116 186	30.017 .118 2161
07	MEAN S.D. TOTAL OBS	29.0953 .143 186	29.0752 .154 170	29.0383 .127 180	29.9933 .093 186	29.9933 .074 180	30.0433 .057 186	30.0412 .068 186	29.9953 .084 180	30.0193 .082 186	30.0683 .096 180	30.115 .120 186	30.044 .118 2161
10	MEAN S.D. TOTAL OBS	29.1353 .151 186	29.1103 .157 170	29.0633 .129 180	29.0143 .084 186	29.0343 .076 180	30.0703 .061 186	30.0663 .070 186	30.0213 .084 180	30.0483 .085 186	30.1003 .099 180	30.153 .123 186	30.072 .122 2161
13	MEAN S.D. TOTAL OBS	29.0873 .151 186	29.0793 .160 170	29.0373 .133 180	29.9953 .170 186	29.0163 .076 180	30.0513 .062 186	30.0483 .073 186	29.9973 .087 180	30.0133 .085 186	30.0573 .103 180	30.105 .128 186	30.043 .122 2161
16	MEAN S.D. TOTAL OBS	29.2543 .150 186	29.0392 .163 170	29.9942 .137 180	29.9602 .102 186	29.9833 .077 180	30.0193 .064 186	30.0092 .073 186	29.9602 .090 180	29.9842 .089 186	30.0313 .105 180	30.079 .130 186	30.008 .124 2161
19	MEAN S.D. TOTAL OBS	29.0733 .145 186	29.0532 .164 169	29.9982 .135 180	29.9612 .099 186	29.9883 .074 180	30.0233 .063 186	30.0142 .072 186	29.9713 .095 180	30.0033 .086 186	30.0503 .102 180	30.101 .125 186	30.020 .124 2160
22	MEAN S.D. TOTAL OBS	29.1033 .143 186	29.0813 .159 169	29.0283 .132 180	29.9913 .097 186	29.0183 .072 180	30.0513 .061 186	30.0432 .070 186	29.9973 .119 180	30.0273 .082 186	30.0723 .101 180	30.121 .119 186	30.046 .122 2160
ALL HOURS	MEAN S.D. TOTAL OBS	29.0953 .143 1483	29.0703 .159 1358	29.0233 .132 1440	29.9813 .098 1488	29.9633 .076 1440	30.0413 .063 1488	30.0342 .072 1488	29.9863 .096 1440	30.0113 .086 1488	30.0603 .102 1440	30.110 .124 1488	30.036 .123 17286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

747045 KENNEDY SPACE CENTER FL 73-84

STATION NAME STATION NAME

YEARS

HRS. (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN S.D. TOTAL OBS	19.7 4.952 186	19.1 5.148 170	17.0 6.17 155	17.3 4.283 180	15.8 3.167 186	16.7 2.421 181	17.9 2.027 186	17.7 2.319 186	16.0 2.797 186	18.5 3.319 180	1020.2 3.914 186	1017.8 4.043 2161
02	MEAN S.D. TOTAL OBS	19.2 4.961 186	18.3 5.203 170	16.2 6.090 155	16.7 4.200 180	15.2 3.154 186	16.1 2.414 181	17.3 2.027 186	17.0 2.319 186	15.4 2.777 186	18.0 3.220 180	1019.8 3.926 186	1017.1 4.002 2161
07	MEAN S.D. TOTAL OBS	19.8 5.059 186	19.1 5.251 170	17.2 6.271 155	17.9 4.301 180	16.4 3.139 186	17.0 2.435 181	18.2 2.037 186	17.9 2.302 186	16.4 2.887 180	18.9 3.244 180	1020.5 4.077 186	1018.0 4.007 2161
10	MEAN S.D. TOTAL OBS	21.1 5.111 186	20.3 5.291 170	18.3 6.320 155	18.7 4.378 180	17.1 3.205 186	17.7 2.560 181	18.9 2.037 186	18.6 2.358 186	17.2 2.871 180	19.0 3.345 180	1021.8 4.165 186	1019.0 4.124 2161
13	MEAN S.D. TOTAL OBS	19.5 5.111 186	19.3 5.405 170	17.4 6.438 155	17.8 4.514 180	16.4 3.373 186	17.1 2.562 181	18.2 2.088 186	18.1 2.466 186	16.5 2.949 180	18.5 3.481 180	1020.1 4.332 186	1018.0 4.121 2161
16	MEAN S.D. TOTAL OBS	18.4 5.174 186	17.9 5.504 170	15.8 6.492 155	16.4 4.655 180	15.2 3.466 186	16.0 2.605 181	17.2 2.145 186	16.8 2.474 186	15.2 3.082 179	17.6 3.519 180	1019.2 4.407 186	1016.8 4.205 2160
19	MEAN S.D. TOTAL OBS	19.2 4.914 186	18.4 5.533 169	16.3 6.357 155	16.5 4.596 180	15.3 3.346 186	16.1 2.497 180	17.3 2.124 186	17.0 2.410 186	15.6 3.271 180	18.3 3.464 180	1020.0 4.234 186	1017.2 4.193 2160
22	MEAN S.D. TOTAL OBS	20.0 4.844 182	19.3 5.372 169	17.3 6.196 155	17.6 4.484 180	16.3 3.291 186	17.1 2.430 181	18.2 2.016 186	18.0 2.358 186	16.5 4.079 179	19.0 3.411 180	1020.6 4.060 183	1018.1 4.130 2152
ALL HOURS	MEAN S.D. TOTAL OBS	19.6 5.149 1434	19.0 5.373 1358	17.0 6.319 124	17.4 4.481 1440	16.3 3.325 1488	16.7 2.558 1440	17.9 2.112 1488	17.7 2.444 1488	16.1 3.291 1438	18.6 3.433 1440	1020.3 4.190 1485	1017.8 4.154 17277